SUBJECT INDEX TO VOLUMES 127 AND 128

Accretion, Accretion Disks

The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488

Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500

The Variability of Sagittarius A* at Centimeter Wavelengths — Robeson M. Herrnstein, Jun-Hui Zhao, Geoffrey C. Bower, and W. M. Goss; **127**(6), 3399–3410

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

The Mass Accretion Rates of Intermediate-Mass T Tauri Stars — Nuria Calvet, James Muzerolle, César Briceño, Jesús Hernández, Lee Hartmann, José Luis Saucedo, and Karl D. Gordon; **128**(3), 1294–1318

Synthetic Spectral Analysis of the Hot Component in the S-Type Symbiotic Variable EG Andromedae — Kelly Kolb, Joleen Miller, Edward M. Sion, and Joanna Mikołajewska; **128**(4), 1790–1794

Composite Accretion Disk and White Dwarf Photosphere Analyses of the *FUSE* and *Hubble Space Telescope* Observations of EY Cygni — Edward M. Sion, Lisa Winter, Joel A. Urban, Gaghik H. Tovmassian, Sergei Zharikov, Boris T. Gänsicke, and M. Orio; **128**(4), 1795–1801

Far-Ultraviolet *FUSE* Observations of the Dwarf Novae SS Aurigae and RU Pegasi in Quiescence — Edward M. Sion, Fuhua Cheng, Patrick Godon, Joel A. Urban, and Paula Szkody; **128**(4), 1834–1839

Atlases

A Catalog of Compact Groups of Galaxies in the SDSS Commissioning Data — Brian C. Lee, Sahar S. Allam, Douglas L. Tucker, James Annis, David E. Johnston, Ryan Scranton, Yamina Acebo, Neta A. Bahcall, Matthias Bartelmann, Hans Böhringer, Nancy Ellman, Eva K. Grebel, Leopoldo Infante, Jon Loveday, Timothy A. McKay, Francisco Prada, Donald P. Schneider, Chris Stoughton, Alexander S. Szalay, Michael S. Vogeley, Wolfgang Voges, and Brian Yanny; **127**(4), 1811–1859

Merging Galaxies in the Sloan Digital Sky Survey Early Data Release — Sahar S. Allam, Douglas L. Tucker, J. Allyn Smith, Brian C. Lee, James Annis, Huan Lin, Igor D. Karachentsev, and Bryan E. Laubscher; **127**(4), 1883–1899

An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272

The Second Data Release of the Sloan Digital Sky Survey — Kevork Abazajian, Jennifer K. Adelman-McCarthy, Marcel A. Agüeros, Sahar S. Allam, Kurt S. J. Anderson, Scott F. Anderson, James Annis, Neta A. Bahcall, Ivan K. Baldry, Steven Bastian, Andreas Berlind, Mariangela Bernardi, Michael R. Blanton, John J. Bochanski, Jr., William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Larry N. Carey, Samuel Carliles, Francisco J. Castander, A. J. Connolly, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Michael L. Evans, Xiaohui Fan, Douglas P. Finkbeiner, Scott D. Friedman, Joshua A. Frieman, Masataka Fukugita, Roy R. Gal, Bruce Gillespie, Karl Glazebrook, Jim Gray, Eva K. Grebel, James E. Gunn, Vijay K. Gurbani, Patrick B. Hall, Masaru Hamabe, Frederick H. Harris, Hugh C. Harris, Michael Harvanek, Timothy M. Heckman, John S. Hendry, Gregory S. Hennessy, Robert B. Hindsley, Craig J. Hogan, David W. Hogg, Donald J. Holmgren, Shin-ichi Ichikawa, Takashi Ichikawa, Željko Ivezić, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Stephen M. Kent, S. J. Kleinman, G. R. Knapp, Alexei Yu. Kniazev, Richard G. Kron, Jurek Krzesiński, Peter Z. Kunszt, Nickolai Kuropatkin, Donald Q. Lamb, Hubert Lampeitl, Brian C. Lee, R. French Leger, Nolan Li, Huan Lin, Yeong-Shang Loh, Daniel C. Long, Jon Loveday, Robert H. Lupton, Tanu Malik, Bruce Margon, Takahiko Matsubara, Peregrine M. McGehee, Timothy A. McKay, Avery Meiksin, Jeffrey A. Munn, Reiko Nakajima, Thomas Nash, Eric H. Neilsen, Jr., Heidi Jo Newberg, Peter R. Newman, Robert C. Nichol, Tom Nicinski, Maria Nieto-Santisteban, Atsuko Nitta, Sadanori Okamura, William O'Mullane, Jeremiah P. Ostriker, Russell Owen, Nikhil Padmanabhan, John Peoples, Jeffrey R. Pier, Adrian C. Pope, Thomas R. Quinn, Gordon T. Richards, Michael W. Richmond, Hans-Walter Rix, Constance M. Rockosi, David J. Schlegel, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Uroš Seljak, Gary Sergey, Branimir Sesar, Erin Sheldon, Kazu Shimasaku, Walter A. Siegmund, Nicole M. Silvestri, J. Allyn Smith, Vernesa Smolčić, Stephanie A. Snedden, Albert Stebbins, Chris Stoughton, Michael A. Strauss, Mark SubbaRao, Alexander S. Szalay, István Szapudi, Paula Szkody, Gyula P. Szokoly, Max Tegmark, Luís Teodoro, Aniruddha R. Thakar, Christy Tremonti, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, Jan Vandenberg, Michael S. Vogeley, Wolfgang Voges, Nicole P. Vogt, Lucianne M. Walkowicz, Shu-i Wang, David H. Weinberg, Andrew A. West, Simon D. M. White, Brian C. Wilhite, Yongzhong Xu, Brian Yanny, Naoki Yasuda, Ching-Wa Yip, D. R. Yocum, Donald G. York, Idit Zehavi, Stefano Zibetti, and Daniel B. Zucker; **128**(1), 502–512

Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release — Douglas P. Finkbeiner, Nikhil Padmanabhan, David J. Schlegel, Michael A. Carr, James E. Gunn, Constance M. Rockosi, Maki Sekiguchi, Robert H. Lupton, G. R. Knapp, Željko Ivezić, Michael R. Blanton, David W. Hogg, Jennifer K. Adelman-McCarthy, James Annis, Jeffrey Hayes, Ellynne Kinney, Daniel C. Long, Uroš Seljak, Michael A. Strauss, Brian Yanny, Marcel A. Agüeros, Sahar S. Allam, Scott F. Anderson, Neta A. Bahcall, Ivan K. Baldry, Mariangela Bernardi, William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Francisco J. Castander, Kevin R. Covey, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Xiaohui Fan, Scott D. Friedman, Masataka Fukugita, Bruce Gillespie, Eva K. Grebel, Vijay K. Gurbani, Ernst de Haas, Frederick H. Harris, John S. Hendry, Gregory S. Hennessy, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Mario Jurić, Stephen M. Kent, Alexei Yu. Kniazev, Jurek Krzesiński, R. French Leger, Huan Lin, Jon Loveday, Ed Mannery, David Martínez-Delgado, Peregrine M. McGehee, Avery Meiksin, Jeffrey A. Munn, Eric H. Neilsen, Jr., Peter R. Newman, Atsuko Nitta, George Pauls, Thomas R. Quinn, R. R. Rafikov, Gordon T. Richards, Michael W. Richmond, Donald P. Schneider, Joshua Schroeder, Kazu Shimasaku, Walter A. Siegmund, J. Allyn Smith, Stephanie A. Snedden, Albert Stebbins, Alexander S. Szalay, Gyula P. Szokoly, Max Tegmark, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, David H. Weinberg, Andrew A. West, Naoki Yasuda, D. R. Yocum, Donald G. York, and Idit Zehavi; **128**(5), 2577–2592

Atmospheric Effects

Sunset Science. IV. Low-Altitude Refraction — Andrew T. Young; **127**(6), 3622–3637

Astrometry

A New Determination of Planetary Precession — Wataru Harada and Toshio Fukushima; **127**(1), 531–538

Analysis of Systematic Differences of Astrometric Catalogs in a Band — F. J. Marco, M. J. Martínez, and J. A. López; **127**(1), 549–559

Did η Carinae's Weigelt Blobs Originate circa 1941? — Bryan N. Dorland, Douglas G. Currie, and Arsen R. Hajian; **127**(2), 1052–1058

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

Orbit of T Tau Ba-Bb and Mass Estimate for Its Infrared Companion — Vakhtang S. Tamazian; **127**(4), 2378–2381

Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435

Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: An Initial Catalog — Ronald A. Downes, Bruce Margon, Scott F. Anderson, Hugh C. Harris, G. R. Knapp, Josh Schroeder, Donald P. Schneider, Donald G. York, Jeffrey R. Pier, and J. Brinkmann; **127**(5), 2838–2849

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968

Hubble Space Telescope Astrometric Observations and Orbital Mean Motion Corrections for the Inner Satellites of Neptune — Dan Pascu, James R. Rohde, P. Kenneth Seidelmann, Eddie N. Wells, John L. Hershey, Alex D. Storrs, Ben H. Zellner, Amanda S. Bosh, and Douglas G. Currie; **127**(5), 2988–2996

An Improved Proper-Motion Catalog Combining USNO-B and the Sloan Digital Sky Survey — Jeffrey A. Munn, David G. Monet, Stephen E. Levine, Blaise Canzian, Jeffrey R. Pier, Hugh C. Harris, Robert H. Lupton, Željko Ivezić, Robert B. Hindsley, G. S. Hennessy, Donald P. Schneider, and J. Brinkmann; **127**(5), 3034–3042

The Second US Naval Observatory CCD Astrograph Catalog (UCAC2) — N. Zacharias, S. E. Urban, M. I. Zacharias, G. L. Wycoff, D. M. Hall, D. G. Monet, and T. J. Rafferty; **127**(5), 3043–3059

The Southern Proper Motion Program. III. A Near-Complete Catalog to $V = 17.5$ — Terrence M. Girard, Dana I. Dinescu, William F. van Altena, Imants Platais, David G. Monet, and Carlos E. López; **127**(5), 3060–3071

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

VLBA Astrometry of Compact Radio Sources in the *Spitzer* First-Look Survey — J. M. Wrobel, M. A. Garrett, J. J. Condon, and R. Morganti; **128**(1), 103–108

Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828

Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888

Block Adjustment of a Group of Overlapping CCD Images — Y. Yu, Z.-H. Tang, J.-L. Li, G.-L. Wang, and M. Zhao; **128**(2), 911–919

Erratum: "The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky" [Astron. J. **126**, 772 (2003)] — Jay Anderson and Ivan R. King; **128**(2), 950

Erratum: "Proper Motions of Dwarf Spheroidal Galaxies from *Hubble Space Telescope* Imaging. II. Measurement for Carina" [Astron. J. **126**, 2346 (2003)] — Slawomir Piatek, Carlton Pryor, Edward W. Olszewski, Hugh C. Harris, Mario Mateo, Dante Minniti, and Christopher G. Tinney; **128**(2), 951

Precession of the Nonrigid Earth: Effect of the Fluid Outer Core — José M. Ferrándiz, Juan F. Navarro, Alberto Escapa, and Juan Getino; **128**(3), 1407–1411

Lick Northern Proper Motion Program. III. Lick NPM2 Catalog — Robert B. Hanson, Arnold R. Klemola, Burton F. Jones, and David G. Monet; **128**(3), 1430–1445

Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

Astronomical Data Bases: Miscellaneous

Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson, S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449

Black Hole Physics

The Variability of Sagittarius A* at Centimeter Wavelengths — Robeson M. Herrnstein, Jun-Hui Zhao, Geoffrey C. Bower, and W. M. Goss; **127**(6), 3399–3410

Catalogs

The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229

Analysis of Systematic Differences of Astrometric Catalogs in a Band — F. J. Marco, M. J. Martínez, and J. A. López; **127**(1), 549–559

The Overlooked H II Region DA 568 — C. R. Kerton, Christopher M. Brunt, and R. Kothes; **127**(2), 1059–1068

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

A Catalog of Compact Groups of Galaxies in the SDSS Commissioning Data — Brian C. Lee, Sahar S. Allam, Douglas L. Tucker, James Annis, David E. Johnston, Ryan Scranton, Yamina Acebo, Neta A. Bahcall, Matthias Bartelmann, Hans Böhringer, Nancy Ellman, Eva K. Grebel, Leopoldo Infante, Jon Loveday, Timothy A. McKay, Francisco Prada, Donald P. Schneider, Chris Stoughton, Alexander S. Szalay, Michael S. Vogeley, Wolfgang Voges, and Brian Yanny; **127**(4), 1811–1859

Merging Galaxies in the Sloan Digital Sky Survey Early Data Release — Sahar S. Allam, Douglas L. Tucker, J. Allyn Smith, Brian C. Lee, James Annis, Huan Lin, Igor D. Karachentsev, and Bryan E. Laubscher; **127**(4), 1883–1899

Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson, S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449

Multicolor Photometric Observations of Candidate Optical Counterparts to *ROSAT* Faint X-Ray Sources in a 1 Square Degree Field of the BATC Survey — Haotong Zhang, Suijian Xue, David Burstein, Xu Zhou,

Zhaoji Jiang, Hong Wu, Jun Ma, Jiansheng Chen, and Zhenlong Zou; **127**(5), 2579–2597

An Improved Proper-Motion Catalog Combining USNO-B and the Sloan Digital Sky Survey — Jeffrey A. Munn, David G. Monet, Stephen E. Levine, Blaise Canzian, Jeffrey R. Pier, Hugh C. Harris, Robert H. Lupton, Željko Ivezić, Robert B. Hindsley, G. S. Hennessy, Donald P. Schneider, and J. Brinkmann; **127**(5), 3034–3042

The Second US Naval Observatory CCD Astrograph Catalog (UCAC2) — N. Zacharias, S. E. Urban, M. I. Zacharias, G. L. Wycoff, D. M. Hall, D. G. Monet, and T. J. Rafferty; **127**(5), 3043–3059

The Southern Proper Motion Program. III. A Near-Complete Catalog to $V = 17.5$ — Terrence M. Girard, Dana I. Dinescu, William F. van Altena, Imants Platais, David G. Monet, and Carlos E. López; **127**(5), 3060–3071

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

The *Spitzer Space Telescope* First-Look Survey: KPNO Mosaic-1 *R*-Band Images and Source Catalogs — Dario Fadda, Buell T. Jannuzi, Alyson Ford, and Lisa J. Storrie-Lombardi; **128**(1), 1–15

The Second Data Release of the Sloan Digital Sky Survey — Kevork Abazajian, Jennifer K. Adelman-McCarthy, Marcel A. Agüeros, Sahar S. Allam, Kurt S. J. Anderson, Scott F. Anderson, James Annis, Neta A. Bahcall, Ivan K. Baldry, Steven Bastian, Andreas Berlind, Mariangela Bernardi, Michael R. Blanton, John J. Bochanski, Jr., William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Larry N. Carey, Samuel Carliles, Francisco J. Castander, A. J. Connolly, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Michael L. Evans, Xiaohui Fan, Douglas P. Finkbeiner, Scott D. Friedman, Joshua A. Frieman, Masataka Fukugita, Roy R. Gal, Bruce Gillespie, Karl Glazebrook, Jim Gray, Eva K. Grebel, James E. Gunn, Vijay K. Gurbani, Patrick B. Hall, Masaru Hamabe, Frederick H. Harris, Hugh C. Harris, Michael Harvanek, Timothy M. Heckman, John S. Hendry, Gregory S. Hennessy, Robert B. Hindsley, Craig J. Hogan, David W. Hogg, Donald J. Holmgren, Shin-ichi Ichikawa, Takashi Ichikawa, Željko Ivezić, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Stephen M. Kent, S. J. Kleinman, G. R. Knapp, Alexei Yu. Kniazev, Richard G. Kron, Jurek Krzesiński, Peter Z. Kunszt, Nickolai Kuropatkin, Donald Q. Lamb, Hubert Lampeitl, Brian C. Lee, R. French Leger, Nolan Li, Huan Lin, Yeong-Shang Loh, Daniel C. Long, Jon Loveday, Robert H. Lupton, Tanu Malik, Bruce Margon, Takahiko Matsubara, Peregrine M. McGehee, Timothy A. McKay, Avery Meiksin, Jeffrey A. Munn, Reiko Nakajima, Thomas Nash, Eric H. Neilsen, Jr., Heidi Jo Newberg, Peter R. Newman, Robert C. Nichol, Tom Nicinski, Maria Nieto-Santisteban, Atsuko Nitta, Sadanori Okamura, William O'Mullane, Jeremiah P. Ostriker, Russell Owen, Nikhil Padmanabhan, John Peoples, Jeffrey R. Pier, Adrian C. Pope, Thomas R. Quinn, Gordon T. Richards, Michael W. Richmond, Hans-Walter Rix, Constance M. Rockosi, David J. Schlegel, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Uroš Seljak, Gary Sergey, Branimir Sesar, Erin Sheldon, Kazu Shimasaku, Walter A. Siegmund, Nicole M. Silvestri, J. Allyn Smith, Vernesa Smolčić, Stephanie A. Snedden, Albert Stebbins, Chris Stoughton, Michael A. Strauss, Mark SubbaRao, Alexander S. Szalay, István Szapudi, Paula Szkody, Gyula P. Szokoly, Max Tegmark, Luís Teodoro, Aniruddha R. Thakar, Christy Tremonti, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, Jan Vandenberg, Michael S. Vogeley, Wolfgang Voges, Nicole P. Vogt, Lucianne M. Walkowicz, Shu-i Wang, David H. Weinberg, Andrew A. West, Simon D. M. White, Brian C. Wilhite, Yongzhong Xu, Brian Yanny, Naoki Yasuda, Ching-Wa Yip, D. R. Yocum, Donald G. York, Idit Zehavi, Stefano Zibetti, and Daniel B. Zucker; **128**(1), 502–512

Quasars as Absorption Probes of the J0053+1234 Region — Daniel H. McIntosh, Chris D. Impey, and Catherine E. Petry; **128**(2), 544–560

Spectrophotometry of Star-forming Regions in H II Galaxies — Carolina Kehrig, Eduardo Telles, and François Cuisinier; **128**(3), 1141–1151

Lick Northern Proper Motion Program. III. Lick NPM2 Catalog — Robert B. Hanson, Arnold R. Klemola, Burton F. Jones, and David G. Monet; **128**(3), 1430–1445

The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release — Douglas P. Finkbeiner, Nikhil Padmanabhan, David J. Schlegel, Michael A. Carr, James E. Gunn, Constance M. Rockosi, Maki Sekiguchi, Robert H. Lupton, G. R. Knapp, Željko Ivezić, Michael R. Blanton, David W. Hogg, Jennifer K. Adelman-McCarthy, James Annis, Jeffrey Hayes, Ellynne Kinney, Daniel C. Long, Uroš Seljak, Michael A. Strauss, Brian Yanny, Marcel A. Agüeros, Sahar S. Allam, Scott F. Anderson, Neta A. Bahcall, Ivan K. Baldry, Mariangela Bernardi, William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Francisco J. Castander, Kevin R. Covey, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Xiaohui Fan, Scott D. Friedman, Masataka Fukugita, Bruce Gillespie, Eva K. Grebel, Vijay K. Gurbani, Ernst de Haas, Frederick H. Harris, John S. Hendry, Gregory S. Hennessy, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Mario Jurić, Stephen M. Kent, Alexei Yu. Kniazev, Jurek Krzesiński, R. French Leger, Huan Lin, Jon Loveday, Ed Mannery, David Martínez-Delgado, Peregrine M. McGehee, Avery Meiksin, Jeffrey A. Munn, Eric H. Neilsen, Jr., Peter R. Newman, Atsuko Nitta, George Pauls, Thomas R. Quinn, R. R. Rafikov, Gordon T. Richards, Michael W. Richmond, Donald P. Schneider, Joshua Schroeder, Kazu Shimasaku, Walter A. Siegmund, J. Allyn Smith, Stephanie A. Snedden, Albert Stebbins, Alexander S. Szalay, Gyula P. Szokoly, Max Tegmark, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, David H. Weinberg, Andrew A. West, Naoki Yasuda, D. R. Yocum, Donald G. York, and Idit Zehavi; **128**(5), 2577–2592

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

Identifying Red Variables in the Northern Sky Variability Survey — P. R. Woźniak, S. J. Williams, W. T. Vestrand, and V. Gupta; **128**(6), 2965–2976

The Digitized Second Palomar Observatory Sky Survey (DPOSS). II. Photometric Calibration — R. R. Gal, R. R. de Carvalho, S. C. Odewahn, S. G. Djorgovski, A. Mahabal, R. J. Brunner, and P. A. A. Lopes; **128**(6), 3082–3091

The Digitized Second Palomar Observatory Sky Survey (DPOSS). III. Star-Galaxy Separation — S. C. Odewahn, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, R. Brunner, A. Mahabal, P. A. A. Lopes, J. L. Kohl Moreira, and B. Stalder; **128**(6), 3092–3107

Celestial Mechanics

Fast Force Algorithms and Solar System Integrations — Paul Wiegert, Douglas McNeil, Martin Duncan, and Hal Levison; **127**(2), 1218–1226

Stability of Minor-Body Orbits in Systems with Two Giant Planets — Ian Lepage and Martin J. Duncan; **127**(3), 1755–1767

Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435

Efficient Orbit Integration by Linear Transformation for Consistency of Kepler Energy, Full Laplace Integral, and Angular Momentum Vector — Toshio Fukushima; **127**(6), 3638–3641

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888

Simplification of a Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(2), 920–922

On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932

A Generalization of the Lagrangian Points: Studies of Resonance for Highly Eccentric Orbits — Margaret Pan and Re'em Sari; **128**(3), 1418–1429

Further Simplification of the Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(3), 1446–1454

Efficient Orbit Integration by the Orbital Longitude Method Using Antifocal Anomaly — Toshio Fukushima; **128**(3), 1455–1464

Chaos and the Effects of Planetary Migration on the Orbit of S/2000 S5 Kiviuq — V. Carruba, D. Nesvorný, J. A. Burns, M. Ćuk, and K. Tsiganis; **128**(4), 1899–1915

On the Secular Behavior of Irregular Satellites — Matija Ćuk and Joseph A. Burns; **128**(5), 2518–2541

Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576

Efficient Integration of Highly Eccentric Orbits by Scaling Methods Applied to Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3114–3122

Efficient Integration of Highly Eccentric Orbits by Quadruple Scaling for Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3108–3113

Comets: General

The Nucleus of Comet 48P/Johnson — David Jewitt and Scott Sheppard; **127**(3), 1784–1790

Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405

The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids — Henry H. Hsieh, David C. Jewitt, and Yanga R. Fernández; **127**(5), 2997–3017

Sculpting the Kuiper Belt by a Stellar Encounter: Constraints from the Oort Cloud and Scattered Disk — Harold F. Levison, Alessandro Morbidelli, and Luke Dones; **128**(5), 2553–2563

Looking through the HIPPO: Nucleus and Dust in Comet 2P/Encke — David Jewitt; **128**(6), 3061–3069

Comets: Individual

C/1995 O1 (Hale-Bopp)

Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405

C/1999 S4 (LINEAR)

Combined BIMA and OVRO Observations of Comet C/1999 S4 (LINEAR) — Michiel R. Hogerheijde, Imke de Pater, Melvyn Wright, J. R. Forster, L. E. Snyder, A. Remijan, L. M. Woodney, M. F. A'Hearn, Patrick Palmer, Y.-J. Kuan, H.-C. Huang, Geoffrey A. Blake, Chunhua Qi, Jacqueline Kessler, and S.-Y. Liu; **127**(4), 2406–2412

2003 EH_1

2003 EH_1 Is the Quadrantid Shower Parent Comet — P. Jenniskens; **127**(5), 3018–3022

19P/Borrelly

Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405

133P/Elst-Pizarro

The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids — Henry H. Hsieh, David C. Jewitt, and Yanga R. Fernández; **127**(5), 2997–3017

2P/Encke

Looking through the HIPPO: Nucleus and Dust in Comet 2P/Encke — David Jewitt; **128**(6), 3061–3069

48P/Johnson

The Nucleus of Comet 48P/Johnson — David Jewitt and Scott Sheppard; **127**(3), 1784–1790

10P/Tempel

Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405

Cosmology: Cosmological Parameters

Weak Lensing from Space. III. Cosmological Parameters — Alexandre Refregier, Richard Massey, Jason Rhodes, Richard Ellis, Justin Albert, David Bacon, Gary Bernstein, Tim McKay, and Saul Perlmutter; **127**(6), 3102–3114

Cosmology: Dark Matter

Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659

Improved Models for the Evolution of the Coma Cluster of Galaxies — Seppo Laine, Jia-Qing Zheng, and Mauri J. Valtonen; **127**(2), 765–770

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

The Galaxy-Mass Correlation Function Measured from Weak Lensing in the Sloan Digital Sky Survey — Erin S. Sheldon, David E. Johnston, Joshua A. Frieman, Ryan Scranton, Timothy A. McKay, A. J. Connolly, Tamás Budavári, Idit Zehavi, Neta A. Bahcall, J. Brinkmann, and Masataka Fukugita; **127**(5), 2544–2564

Weak Lensing from Space. II. Dark Matter Mapping — Richard Massey, Jason Rhodes, Alexandre Refregier, Justin Albert, David Bacon, Gary Bernstein, Richard Ellis, Bhuvnesh Jain, Tim McKay, Saul Perlmutter, and Andy Taylor; **127**(6), 3089–3101

CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111

Mass Models for Spiral Galaxies from Two-dimensional Velocity Maps — Eric I. Barnes, J. A. Sellwood, and Arthur Kosowsky; **128**(6), 2724–2742

Cosmology: Distance Scale

The RR Lyrae Distance to the Draco Dwarf Spheroidal Galaxy — A. Z. Bonanos, K. Z. Stanek, A. H. Szentgyorgyi, D. D. Sasselov, and G. Á. Bakos; **127**(2), 861–867

Cepheids and Long-Period Variables in NGC 4395 — F. Thim, J. G. Hoessel, A. Saha, J. Claver, A. Dolphin, and G. A. Tammann; **127**(4), 2322–2343

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176

New Cepheid Period-Luminosity Relations for the Large Magellanic Cloud: 92 Near-Infrared Light Curves — S. E. Persson, Barry F. Madore, W. Krzemiński, Wendy L. Freedman, M. Roth, and D. C. Murphy; **128**(5), 2239–2264

The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825

Cosmology: Early Universe

The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575

A Snapshot Survey for Gravitational Lenses among $z \geq 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312

The Evolution of the Intergalactic Medium Transmission to Redshift 6 — Antoinette Songaila; **127**(5), 2598–2603

A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145

Cosmology: Large-Scale Structure of Universe

The Galaxy-Mass Correlation Function Measured from Weak Lensing in the Sloan Digital Sky Survey — Erin S. Sheldon, David E. Johnston, Joshua A. Frieman, Ryan Scranton, Timothy A. McKay, A. J. Connolly, Tamás Budavári, Idit Zehavi, Neta A. Bahcall, J. Brinkmann, and Masataka Fukugita; **127**(5), 2544–2564

Weak Lensing from Space. II. Dark Matter Mapping — Richard Massey, Jason Rhodes, Alexandre Refregier, Justin Albert, David Bacon, Gary Bernstein, Richard Ellis, Bhuvnesh Jain, Tim McKay, Saul Perlmutter, and Andy Taylor; **127**(6), 3089–3101

Weak Lensing from Space. III. Cosmological Parameters — Alexandre Refregier, Richard Massey, Jason Rhodes, Richard Ellis, Justin Albert, David Bacon, Gary Bernstein, Tim McKay, and Saul Perlmutter; **127**(6), 3102–3114

Spatial Variations of Galaxy Number Counts in the Sloan Digital Sky Survey. I. Extinction, Large-Scale Structure, and Photometric Homogeneity — Masataka Fukugita, Naoki Yasuda, Jon Brinkmann, James E. Gunn, Željko Ivezić, Gillian R. Knapp, Robert Lupton, and Donald P. Schneider; **127**(6), 3155–3160

Large-Scale Structure of Emission-Line Galaxies at $z = 3.1$ — Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(5), 2073–2079

Cosmology: Observations

A Deep Wide-Field, Optical, and Near-Infrared Catalog of a Large Area around the Hubble Deep Field North — P. Capak, L. L. Cowie, E. M. Hu, A. J. Barger, M. Dickinson, E. Fernandez, M. Giavalisco, Y. Komiyama, C. Kretchmer, C. McNally, S. Miyazaki, S. Okamura, and D. Stern; **127**(1), 180–198

Chandra and *XMM-Newton* Observations of RDCS 1252.9−2927, a Massive Cluster at $z = 1.24$ — P. Rosati, P. Tozzi, S. Ettori, V. Mainieri, R. Demarco, S. A. Stanford, C. Lidman, M. Nonino, S. Borgani, R. Della Ceca, P. Eisenhardt, B. P. Holden, and C. Norman; **127**(1), 230–238

The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575

The Asiago-ESO/RASS QSO Survey. III. Clustering Analysis and Theoretical Interpretation — Andrea Grazian, Mattia Negrello, Lauro Moscardini, Stefano Cristiani, Martin G. Haehnelt, Sabino Matarrese, Alessandro Omizzolo, and Eros Vanzella; **127**(2), 592–605

Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

The Galaxy-Mass Correlation Function Measured from Weak Lensing in the Sloan Digital Sky Survey — Erin S. Sheldon, David E. Johnston, Joshua A. Frieman, Ryan Scranton, Timothy A. McKay, A. J. Connolly, Tamás Budavári, Idit Zehavi, Neta A. Bahcall, J. Brinkmann, and Masataka Fukugita; **127**(5), 2544–2564

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145

A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584

The Kast Ground-based Ultraviolet Spectral Survey of 79 Quasi-stellar Objects at Redshift 2 for Lyα Forest and Metal Absorption — David Tytler, John M. O'Meara, Nao Suzuki, David Kirkman, Dan Lubin, and Adam Orin; **128**(3), 1058–1077

CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111

The *Chandra* Large Area Synoptic X-Ray Survey (CLASXS) of the Lockman Hole Northwest: The X-Ray Catalog — Y. Yang, R. F. Mushotzky, A. T. Steffen, A. J. Barger, and L. L. Cowie; **128**(4), 1501–1523

The Fall of Active Galactic Nuclei and the Rise of Star-forming Galaxies: A Close Look at the Chandra Deep Field X-Ray Number Counts — F. E. Bauer, D. M. Alexander, W. N. Brandt, D. P. Schneider, E. Treister, A. E. Hornschemeier, and G. P. Garmire; **128**(5), 2048–2065

Large-Scale Structure of Emission-Line Galaxies at $z = 3.1$ — Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(5), 2073–2079

Cosmology: Theory

Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685

Editorials, Notices

Editorial — Paul Hodge and John S. Gallagher III; **128**(4), i

Ephemerides

A New Determination of Planetary Precession — Wataru Harada and Toshio Fukushima; **127**(1), 531–538

Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435

Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888

Precession of the Nonrigid Earth: Effect of the Fluid Outer Core — José M. Ferrándiz, Juan F. Navarro, Alberto Escapa, and Juan Getino; **128**(3), 1407–1411

The Orbits of the Inner Neptunian Satellites from *Voyager*, Earth-based, and *Hubble Space Telescope* Observations — R. A. Jacobson and W. M. Owen, Jr.; **128**(3), 1412–1417

Errata, Addenda

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

Erratum: "The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky" [Astron. J. **126**, 772 (2003)] — Jay Anderson and Ivan R. King; **128**(2), 950

Erratum: "Proper Motions of Dwarf Spheroidal Galaxies from *Hubble Space Telescope* Imaging. II. Measurement for Carina" [Astron. J. **126**, 2346 (2003)] — Slawomir Piatek, Carlton Pryor, Edward W. Olszewski, Hugh C. Harris, Mario Mateo, Dante Minniti, and Christopher G. Tinney; **128**(2), 951

Addendum: 1420 and 408 MHz Continuum Observations of the IC 443/G189.6+3.3 Region [Astron. J. **127**, 2277 (2004)] — D. A. Leahy; **128**(3), 1478

Galaxies: Abundances

Metal Abundances of KISS Galaxies. II. Nebular Abundances of 12 Low-Luminosity Emission-Line Galaxies — Jason Melbourne, Andrew Phillips, John J. Salzer, Caryl Gronwall, and Vicki L. Sarajedini; **127**(2), 686–703

The Chemical Enrichment History of the Fornax Dwarf Spheroidal Galaxy from the Infrared Calcium Triplet — Frédéric Pont, Robert Zinn, Carme Gallart, Eduardo Hardy, and Rebeccah Winnick; **127**(2), 840–860

[O II] as a Star Formation Rate Indicator — Lisa J. Kewley, Margaret J. Geller, and Rolf A. Jansen; **127**(4), 2002–2030

First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A — Andreas Kaufer, Kim A. Venn, Eline Tolstoy, Christophe Pinte, and Rolf-Peter Kudritzki; **127**(5), 2723–2737

Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

Probing Spectral Line Gradients beyond One Effective Radius in NGC 3610 — Justin H. Howell, Jean P. Brodie, Jay Strader, Duncan A. Forbes, and Robert Proctor; **128**(6), 2749–2757

CNO Abundances in Metal-rich Environments: *Infrared Space Observatory* Spectroscopy of Ionized Gas in M51 — Donald R. Garnett, Michael G. Edmunds, Richard B. C. Henry, Bernard E. J. Pagel, and Evan D. Skillman; **128**(6), 2772–2782

Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837

Galaxies: Active

XMM-Newton Observations of Two High-Redshift Quasars: RX J1028–0844 and BR 0351–1034 — D. Grupe, S. Mathur, B. Wilkes, and M. Elvis; **127**(1), 1–9

A VLBI Study of Free-Free Absorbed Compact Radio Sources in the NGC 253 Starburst — S. J. Tingay; **127**(1), 10–16

Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52

The Mass-Luminosity Relation, Accretion Rate–Luminosity Relation, and Evolutionary Sequence of Blazars — G.-Z. Xie, S.-B. Zhou, and E.-W. Liang; **127**(1), 53–57

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

A Complete Sample of Soft X-Ray–selected AGNs. I. The Data — Dirk Grupe, Beverley J. Wills, Karen M. Leighly, and Helmut Meusinger; **127**(1), 156–179

The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229

Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251

A Search for Nitrogen-enriched Quasars in the Sloan Digital Sky Survey Early Data Release — Misty C. Bentz and Patrick S. Osmer; **127**(2), 576–586

VLBA Observations of $z > 4$ Radio-loud Quasars — Emmanuel Momjian, Andreea O. Petric, and Christopher L. Carilli; **127**(2), 587–591

An Unbiased Census of Active Galactic Nuclei in the Two Micron All Sky Survey — Paul J. Francis, Brant O. Nelson, and Roc M. Cutri; **127**(2), 646–655

Near-Infrared Colors of Submillimeter-selected Galaxies — D. T. Frayer, N. A. Reddy, L. Armus, A. W. Blain, N. Z. Scoville, and Ian Smail; **127**(2), 728–735

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

A Complete Sample of Soft X-Ray–selected AGNs. II. Statistical Analysis — Dirk Grupe; **127**(4), 1799–1810

Radio Continuum Emission at 1.4 GHz from KISS Emission-Line Galaxies — Jeffrey Van Duyne, Eli Beckerman, John J. Salzer, Caryl Gronwall, Trinh X. Thuan, J. J. Condon, and Lisa M. Frattare; **127**(4), 1959–1976

VLBI Observations of the Gigahertz-peaked Spectrum Galaxy PKS 1934−638 — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, Anastasios K. Tzioumis, and John E. Reynolds; **127**(4), 1977–1981

Optical Properties of Faint FIRST Variable Radio Sources — W. H. de Vries, R. H. Becker, R. L. White, and D. J. Helfand; **127**(5), 2565–2578

Multicolor Photometric Observations of Candidate Optical Counterparts to *ROSAT* Faint X-Ray Sources in a 1 Square Degree Field of the BATC Survey — Haotong Zhang, Suijian Xue, David Burstein, Xu Zhou, Zhaoji Jiang, Hong Wu, Jun Ma, Jiansheng Chen, and Zhenlong Zou; **127**(5), 2579–2597

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

Markarian 1239: A Highly Polarized Narrow-Line Seyfert 1 Galaxy with a Steep X-Ray Spectrum and Strong Ne IX Emission — D. Grupe, S. Mathur, and S. Komossa; **127**(6), 3161–3167

Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

VLBA Astrometry of Compact Radio Sources in the *Spitzer* First-Look Survey — J. M. Wrobel, M. A. Garrett, J. J. Condon, and R. Morganti; **128**(1), 103–108

Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki; **128**(1), 109–114

Chandra Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533

Nitrogen-enriched Quasars in the Sloan Digital Sky Survey First Data Release — Misty C. Bentz, Patrick B. Hall, and Patrick S. Osmer; **128**(2), 561–568

Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968

Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 1002–1016

The *Chandra* Large Area Synoptic X-Ray Survey (CLASXS) of the Lockman Hole Northwest: The X-Ray Catalog — Y. Yang, R. F. Mushotzky, A. T. Steffen, A. J. Barger, and L. L. Cowie; **128**(4), 1501–1523

Chandra Observations of the Narrow-Line Seyfert 1 Galaxy RX J2217.9−5941 — D. Grupe, K. M. Leighly, V. Burwitz, P. Predehl, and S. Mathur; **128**(4), 1524–1528

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Near-Infrared and Millimeter Constraints on the Nuclear Energy Source of the Infrared-luminous Galaxy NGC 4418 — Masatoshi Imanishi, Kouichiro Nakanishi, Nario Kuno, and Kotaro Kohno; **128**(5), 2037–2047

The Fall of Active Galactic Nuclei and the Rise of Star-forming Galaxies: A Close Look at the Chandra Deep Field X-Ray Number Counts — F. E. Bauer, D. M. Alexander, W. N. Brandt, D. P. Schneider, E. Treister, A. E. Hornschemeier, and G. P. Garmire; **128**(5), 2048–2065

Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki; **128**(5), 2066–2072

Tunable-Filter Imaging of Quasar Fields at $z \sim 1$. II. The Star-forming Galaxy Environments of Radio-loud Quasars — J. M. Barr, J. C. Baker, M. N. Bremer, R. W. Hunstead, and J. Bland-Hawthorn; **128**(6), 2660–2676

Galaxies: BL Lacertae Objects: General

Long-Term Optical Variability of the Blazars PKS 2005−489 and PKS 2155−304 — T. P. Dominici, Z. Abraham, R. Teixeira, and P. Benevides-Soares; **128**(1), 47–55

Optical Monitoring of Three Gamma-Ray–loud BL Lacertae Objects in 1999–2002 — X. Zhang, L. Zhang, G. Zhao, Z.-H. Xie, L. Wu, and Y.-G. Zheng; **128**(5), 1929–1941

Galaxies: BL Lacertae Objects: Individual

BL Lacertae, Markarian 421, Markarian 501

Microvariability and Long-Term Variability of Four Blazars — Emily S. Howard, James R. Webb, Joseph T. Pollock, and Robert E. Stencel; **127**(1), 17–23

PKS 2005−489, PKS 2155−304

Long-Term Optical Variability of the Blazars PKS 2005−489 and PKS 2155−304 — T. P. Dominici, Z. Abraham, R. Teixeira, and P. Benevides-Soares; **128**(1), 47–55

Galaxies: Bulges

The Inner Ring of NGC 4736: Star Formation on a Resonant Pattern — Casiana Muñoz-Tuñón, Nicola Caon, and J. Alfonso L. Aguerri; **127**(1), 58–74

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

Forming Young Bulges within Existing Disks: Statistical Evidence for External Drivers — Sheila J. Kannappan, Rolf A. Jansen, and Elizabeth J. Barton; **127**(3), 1371–1385

Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179

Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

Nuclear Properties of a Sample of Nearby Spiral Galaxies from *Hubble Space Telescope* STIS Imaging — C. Scarlata, M. Stiavelli, M. A. Hughes, D. Axon, A. Alonso-Herrero, J. Atkinson, D. Batcheldor, J. Binney, A. Capetti, C. M. Carollo, L. Dressel, J. Gerssen, D. Macchetto, W. Maciejewski, A. Marconi, M. Merrifield, M. Ruiz, W. Sparks, Z. Tsvetanov, and R. P. van der Marel; **128**(3), 1124–1137

Galaxies: Clusters: General

Suburu Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

Chandra and *XMM-Newton* Observations of RDCS 1252.9−2927, a Massive Cluster at $z = 1.24$ — P. Rosati, P. Tozzi, S. Ettori, V. Mainieri, R. Demarco, S. A. Stanford, C. Lidman, M. Nonino, S. Borgani, R. Della Ceca, P. Eisenhardt, B. P. Holden, and C. Norman; **127**(1), 230–238

Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273

Environmental Effects in the Structural Parameters of Galaxies in the Coma Cluster — J. A. L. Aguerri, J. Iglesias-Páramo, J. M. Vílchez, and C. Muñoz-Tuñón; **127**(3), 1344–1359

The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530

Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \simeq 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510

M/L, Hα Rotation Curves, and H I Measurements for 329 Nearby Cluster and Field Spirals. I. Data — Nicole P. Vogt, Martha P. Haynes, Terry Herter, and Riccardo Giovanelli; **127**(6), 3273–3299

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. II. Evidence for Galaxy Infall — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3300–3324

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. III. Evolution in Fundamental Galaxy Parameters — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3325–3337

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

Rotationally Supported Virgo Cluster Dwarf Elliptical Galaxies: Stripped Dwarf Irregular Galaxies? — Liese van Zee, Evan D. Skillman, and Martha P. Haynes; **128**(1), 121–136

The Northern Sky Optical Cluster Survey. IV. An Intermediate-Redshift Galaxy Cluster Catalog and the Comparison of Two Detection Algorithms — P. A. A. Lopes, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, S. C. Odewahn, A. A. Mahabal, and R. J. Brunner; **128**(3), 1017–1045

CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111

NOAO Fundamental Plane Survey. I. Survey Design, Redshifts, and Velocity Dispersion Data — Russell J. Smith, Michael J. Hudson, Jenica E. Nelan, Stephen A. W. Moore, Stephen J. Quinney, Gary A. Wegner, John R. Lucey, Roger L. Davies, Justin J. Malecki, David Schade, and Nicholas B. Suntzeff; **128**(4), 1558–1569

K-Band Properties of Well-Sampled Groups of Galaxies — Massimo Ramella, Walter Boschin, Margaret J. Geller, Andisheh Mahdavi, and Kenneth Rines; **128**(5), 2022–2036

The Aquarius Superclusters. II. Spectroscopic and Photometric Data — César A. Caretta, Marcio A. G. Maia, and Christopher N. A. Willmer; **128**(6), 2642–2651

Tunable-Filter Imaging of Quasar Fields at $z \sim 1$. II. The Star-forming Galaxy Environments of Radio-loud Quasars — J. M. Barr, J. C. Baker, M. N. Bremer, R. W. Hunstead, and J. Bland-Hawthorn; **128**(6), 2660–2676

The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695

Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814

Galaxies: Clusters: Individual

J0152−1357

Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273

Abell 780

Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52

Abell 1689

Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall,

B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540

Coma

Improved Models for the Evolution of the Coma Cluster of Galaxies — Seppo Laine, Jia-Qing Zheng, and Mauri J. Valtonen; **127**(2), 765–770

RDCS J1252−2927

Chandra and *XMM-Newton* Observations of RDCS 1252.9−2927, a Massive Cluster at $z = 1.24$ — P. Rosati, P. Tozzi, S. Ettori, V. Mainieri, R. Demarco, S. A. Stanford, C. Lidman, M. Nonino, S. Borgani, R. Della Ceca, P. Eisenhardt, B. P. Holden, and C. Norman; **127**(1), 230–238

Virgo

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Galaxies: Distances and Redshifts

The MACHO Project Large Magellanic Cloud Variable-Star Inventory. XIII. Fourier Parameters for the First-Overtone RR Lyrae Variables and the LMC Distance — C. Alcock, D. R. Alves, T. S. Axelrod, A. C. Becker, D. P. Bennett, C. M. Clement, K. H. Cook, A. J. Drake, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, A. Muzzin, C. A. Nelson, B. A. Peterson, P. Popowski, P. J. Quinn, A. W. Rodgers, J. F. Rowe, W. Sutherland, T. Vandehei, and D. L. Welch; **127**(1), 334–354

The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575

The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485

A Catalog of Neighboring Galaxies — Igor D. Karachentsev, Valentina E. Karachentseva, Walter K. Huchtmeier, and Dmitry I. Makarov; **127**(4), 2031–2068

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

The Team Keck Treasury Redshift Survey of the GOODS-North Field — Gregory D. Wirth, Christopher N. A. Willmer, Paola Amico, Frederic H. Chaffee, Robert W. Goodrich, Shui Kwok, James E. Lyke, Jeff A. Mader, Hien D. Tran, Amy J. Barger, Lennox L. Cowie, Peter Capak, Alison L. Coil, Michael C. Cooper, Al Conrad, Marc Davis, S. M. Faber, Esther M. Hu, David C. Koo, David Le Mignant, Jeffrey A. Newman, and Antoinette Songaila; **127**(6), 3121–3136

A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176

NOAO Fundamental Plane Survey. I. Survey Design, Redshifts, and Velocity Dispersion Data — Russell J. Smith, Michael J. Hudson, Jenica E. Nelan, Stephen A. W. Moore, Stephen J. Quinney, Gary A. Wegner, John R. Lucey, Roger L. Davies, Justin J. Malecki, David Schade, and Nicholas B. Suntzeff; **128**(4), 1558–1569

New Reference Galaxy Standards for H I Emission Observations — K. O'Neil; **128**(5), 2080–2097

The Aquarius Superclusters. II. Spectroscopic and Photometric Data — César A. Caretta, Marcio A. G. Maia, and Christopher N. A. Willmer; **128**(6), 2642–2651

The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825

Galaxies: Dwarf

H I and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4 — H. Bravo-Alfaro, E. Brinks, A. J. Baker, F. Walter, and D. Kunth; **127**(1), 264–278

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

Star Clusters in Virgo and Fornax Dwarf Irregular Galaxies — Anil Seth, Knut Olsen, Bryan Miller, Jennifer Lotz, and Rosie Telford; **127**(2), 798–815

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

The RR Lyrae Distance to the Draco Dwarf Spheroidal Galaxy — A. Z. Bonanos, K. Z. Stanek, A. H. Szentgyorgyi, D. D. Sasselov, and G. Á. Bakos; **127**(2), 861–867

RR Lyrae Stars in M32: Signatures of an Ancient Population — Javier Alonso-García, Mario Mateo, and Guy Worthey; **127**(2), 868–874

Stars, Star Clusters, and Dust in NGC 3077 — T. J. Davidge; **127**(3), 1460–1471

The Globular Cluster Systems of the Sculptor Group — Knut A. G. Olsen, Bryan W. Miller, Nicholas B. Suntzeff, Robert A. Schommer, and John Bright; **127**(5), 2674–2693

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

Rotationally Supported Virgo Cluster Dwarf Elliptical Galaxies: Stripped Dwarf Irregular Galaxies? — Liese van Zee, Evan D. Skillman, and Martha P. Haynes; **128**(1), 121–136

Erratum: "Proper Motions of Dwarf Spheroidal Galaxies from *Hubble Space Telescope* Imaging. II. Measurement for Carina" [Astron. J. **126**, 2346 (2003)] — Slawomir Piatek, Carlton Pryor, Edward W. Olszewski, Hugh C. Harris, Mario Mateo, Dante Minniti, and Christopher G. Tinney; **128**(2), 951

Spectrophotometry of Star-forming Regions in H II Galaxies — Carolina Kehrig, Eduardo Telles, and François Cuisinier; **128**(3), 1141–1151

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

H I Observations of the Local Group Dwarf WLM — Dale C. Jackson, Evan D. Skillman, John M. Cannon, and Stéphanie Côté; **128**(3), 1219–1227

Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall, B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814

Galaxies: Elliptical and Lenticular, cD

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

RR Lyrae Stars in M32: Signatures of an Ancient Population — Javier Alonso-García, Mario Mateo, and Guy Worthey; **127**(2), 868–874

Very Isolated Early-Type Galaxies — John T. Stocke, Brian A. Keeney, Aaron D. Lewis, Harland W. Epps, and Rudolph E. Schild; **127**(3), 1336–1343

Resolving the Stellar Population of the Standard Elliptical Galaxy NGC 3379 — Michael D. Gregg, Henry C. Ferguson, Dante Minniti, Nial Tanvir, and Robin Catchpole; **127**(3), 1441–1459

The Ages of Dwarf Elliptical Galaxies — Karl Rakos and James Schombert; **127**(3), 1502–1512

Sloan Digital Sky Survey Spectroscopic Lens Search. I. Discovery of Intermediate-Redshift Star-forming Galaxies behind Foreground Luminous Red Galaxies — Adam S. Bolton, Scott Burles, David J. Schlegel, Daniel J. Eisenstein, and J. Brinkmann; **127**(4), 1860–1882

Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \approx 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510

Early-Type Galaxies in Extremely Isolated Environments: Typical Ellipticals? — Pamela M. Marcum, Christian E. Aars, and Michael N. Fanelli; **127**(6), 3213–3234

High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102

NOAO Fundamental Plane Survey. I. Survey Design, Redshifts, and Velocity Dispersion Data — Russell J. Smith, Michael J. Hudson, Jenica E. Nelan, Stephen A. W. Moore, Stephen J. Quinney, Gary A. Wegner, John R. Lucey, Roger L. Davies, Justin J. Malecki, David Schade, and Nicholas B. Suntzeff; **128**(4), 1558–1569

The Luminosity Function of Early-Type Field Galaxies at $z \approx 0.75$ — N. J. G. Cross, R. J. Bouwens, N. Benítez, J. P. Blakeslee, F. Menanteau, H. C. Ford, T. Goto, B. Holden, A. R. Martel, A. Zirm, R. Overzier, C. Gronwall, N. Homeier, M. Clampin, G. F. Hartig, G. D. Illingworth, D. R. Ardila, F. Bartko, T. J. Broadhurst, R. A. Brown, C. J. Burrows, E. S. Cheng, P. D. Feldman, M. Franx, D. A. Golimowski, L. Infante, R. A. Kimble, J. E. Krist, M. P. Lesser, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(5), 1990–2012

Radio Continuum Emission in Polar Ring Galaxies — A. L. Cox and L. S. Sparke; **128**(5), 2013–2021

Dust and Ionized Gas in Nine Nearby Early-Type Galaxies Imaged with the *Hubble Space Telescope* Advanced Camera for Surveys — A. R. Martel, H. C. Ford, L. D. Bradley, H. D. Tran, F. Menanteau, Z. I. Tsvetanov, G. D. Illingworth, G. F. Hartig, and M. Clampin; **128**(6), 2758–2771

Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837

Galaxies: Evolution

The Mass-Luminosity Relation, Accretion Rate–Luminosity Relation, and Evolutionary Sequence of Blazars — G.-Z. Xie, S.-B. Zhou, and E.-W. Liang; **127**(1), 53–57

Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

The Evolution of Early-Type Field Galaxies Selected from a NICMOS Map of the Hubble Deep Field North — S. A. Stanford, Mark Dickinson, Marc Postman, Henry C. Ferguson, Ray A. Lucas, Christopher J. Conselice, Tamás Budavári, and Rachel Somerville; **127**(1), 131–155

A Deep Wide-Field, Optical, and Near-Infrared Catalog of a Large Area around the Hubble Deep Field North — P. Capak, L. L. Cowie, E. M. Hu, A. J. Barger, M. Dickinson, E. Fernandez, M. Giavalisco, Y. Komiyama, C. Kretchmer, C. McNally, S. Miyazaki, S. Okamura, and D. Stern; **127**(1), 180–198

A Two-Phase Chemical Enrichment Model for the Milky Way Globular Cluster System — Marcel L. VanDalfsen and William E. Harris; **127**(1), 368–372

The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575

Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685

Near-Infrared Colors of Submillimeter-selected Galaxies — D. T. Frayer, N. A. Reddy, L. Armus, A. W. Blain, N. Z. Scoville, and Ian Smail; **127**(2), 728–735

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

Subaru Spectroscopy of the Giant Lyα Nebula Associated with the High-z Powerful Radio Galaxy 1243+036 — Youichi Ohyama and Yoshiaki Taniguchi; **127**(3), 1313–1317

Environmental Effects in the Structural Parameters of Galaxies in the Coma Cluster — J. A. L. Aguerri, J. Iglesias-Páramo, J. M. Vílchez, and C. Muñoz-Tuñón; **127**(3), 1344–1359

Forming Young Bulges within Existing Disks: Statistical Evidence for External Drivers — Sheila J. Kannappan, Rolf A. Jansen, and Elizabeth J. Barton; **127**(3), 1371–1385

Stars, Star Clusters, and Dust in NGC 3077 — T. J. Davidge; **127**(3), 1460–1471

The Ages of Dwarf Elliptical Galaxies — Karl Rakos and James Schombert; **127**(3), 1502–1512

The Star Formation History of the Small Magellanic Cloud — Jason Harris and Dennis Zaritsky; **127**(3), 1531–1544

The Gemini Deep Deep Survey. I. Introduction to the Survey, Catalogs, and Composite Spectra — Roberto G. Abraham, Karl Glazebrook, Patrick J. McCarthy, David Crampton, Richard Murowinski, Inger Jørgensen, Kathy Roth, Isobel M. Hook, Sandra Savaglio, Hsiao-Wen Chen, Ronald O. Marzke, and R. G. Carlberg; **127**(5), 2455–2483

Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \approx 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510

Optical Imaging of Very Luminous Infrared Galaxy Systems: Photometric Properties and Late Evolution — Santiago Arribas, Howard Bushouse, Ray A. Lucas, Luis Colina, and Kirk D. Borne; **127**(5), 2522–2543

Inner Polar Rings in Regular Lenticular Galaxies — O. K. Sil'chenko and V. L. Afanasiev; **127**(5), 2641–2658

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

Early-Type Galaxies in Extremely Isolated Environments: Typical Ellipticals? — Pamela M. Marcum, Christian E. Aars, and Michael N. Fanelli; **127**(6), 3213–3234

M/L, Hα Rotation Curves, and H I Measurements for 329 Nearby Cluster and Field Spirals. I. Data — Nicole P. Vogt, Martha P. Haynes, Terry Herter, and Riccardo Giovanelli; **127**(6), 3273–3299

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. II. Evidence for Galaxy Infall — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3300–3324

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. III. Evolution in Fundamental Galaxy Parameters — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3325–3337

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

The Relation between Galaxy Activity and the Dynamics of Compact Groups of Galaxies — R. Coziol, E. Brinks, and H. Bravo-Alfaro; **128**(1), 68–88

Rotationally Supported Virgo Cluster Dwarf Elliptical Galaxies: Stripped Dwarf Irregular Galaxies? — Liese van Zee, Evan D. Skillman, and Martha P. Haynes; **128**(1), 121–136

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584

ESO 215-G?009: An Extreme H I–rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

Hubble Space Telescope Spectroscopy of Four Luminous Compact Blue Galaxies at Intermediate Redshift — C. Hoyos, R. Guzmán, M. A. Bershady, D. C. Koo, and A. I. Díaz; **128**(4), 1541–1551

The Luminosity Function of Early-Type Field Galaxies at $z \approx 0.75$ — N. J. G. Cross, R. J. Bouwens, N. Benítez, J. P. Blakeslee, F. Menanteau, H. C. Ford, T. Goto, B. Holden, A. R. Martel, A. Zirm, R. Overzier, C. Gronwall, N. Homeier, M. Clampin, G. F. Hartig, G. D. Illingworth, D. R. Ardila, F. Bartko, T. J. Broadhurst, R. A. Brown,

C. J. Burrows, E. S. Cheng, P. D. Feldman, M. Franx, D. A. Golimowski, L. Infante, R. A. Kimble, J. E. Krist, M. P. Lesser, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(5), 1990–2012

A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Cosmic Star Formation History to $z = 1$ from a Narrow Emission Line–selected Tunable-Filter Survey — Karl Glazebrook, Jeffrey Tober, Scott Thomson, Joss Bland-Hawthorn, and Roberto Abraham; **128**(6), 2652–2659

The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695

CNO Abundances in Metal-fich Environments: *Infrared Space Observatory* Spectroscopy of Ionized Gas in M51 — Donald R. Garnett, Michael G. Edmunds, Richard B. C. Henry, Bernard E. J. Pagel, and Evan D. Skillman; **128**(6), 2772–2782

Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814

Galaxies: Formation

Searching for the Intragroup Medium in Loose Groups of Galaxies — D. J. Pisano, Bart P. Wakker, Eric M. Wilcots, and Dirk Fabian; **127**(1), 199–212

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575

Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685

Near-Infrared Colors of Submillimeter-selected Galaxies — D. T. Frayer, N. A. Reddy, L. Armus, A. W. Blain, N. Z. Scoville, and Ian Smail; **127**(2), 728–735

Subaru Spectroscopy of the Giant Lyα Nebula Associated with the High-z Powerful Radio Galaxy 1243+036 — Youichi Ohyama and Yoshiaki Taniguchi; **127**(3), 1313–1317

The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485

Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138

The Evolution of the Intergalactic Medium Transmission to Redshift 6 — Antoinette Songaila; **127**(5), 2598–2603

A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

Metal-poor Globular Clusters and Galaxy Formation — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(6), 3431–3436

The Relation between Galaxy Activity and the Dynamics of Compact Groups of Galaxies — R. Coziol, E. Brinks, and H. Bravo-Alfaro; **128**(1), 68–88

Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210

A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

A Principal Components Analysis of the Lick Indices of Galactic Globular Clusters — Jay Strader and Jean P. Brodie; **128**(4), 1671–1675

A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Galaxies: Fundamental Parameters

Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645

Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942

[O II] as a Star Formation Rate Indicator — Lisa J. Kewley, Margaret J. Geller, and Rolf A. Jansen; **127**(4), 2002–2030

A Catalog of Neighboring Galaxies — Igor D. Karachentsev, Valentina E. Karachentseva, Walter K. Huchtmeier, and Dmitry I. Makarov; **127**(4), 2031–2068

Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \approx 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510

The Hα Luminosity Function of Morphologically Classified Galaxies in the Sloan Digital Sky Survey — Osamu Nakamura, Masataka Fukugita, Jon Brinkmann, and Donald P. Schneider; **127**(5), 2511–2521

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C.

Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

Extinction Effects in Spiral Galaxy Rotation Curves — Carlos Valotto and Riccardo Giovanelli; **128**(1), 115–120

A New Nonparametric Approach to Galaxy Morphological Classification — Jennifer M. Lotz, Joel Primack, and Piero Madau; **128**(1), 163–182

Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey — C.-W. Yip, A. J. Connolly, A. S. Szalay, T. Budavári, M. SubbaRao, J. A. Frieman, R. C. Nichol, A. M. Hopkins, D. G. York, S. Okamura, J. Brinkmann, I. Csabai, A. R. Thakar, M. Fukugita, and Ž. Ivezić; **128**(2), 585–609

Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall, B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540

The Luminosity Function of Early-Type Field Galaxies at $z \approx 0.75$ — N. J. G. Cross, R. J. Bouwens, N. Benítez, J. P. Blakeslee, F. Menanteau, H. C. Ford, T. Goto, B. Holden, A. R. Martel, A. Zirm, R. Overzier, C. Gronwall, N. Homeier, M. Clampin, G. F. Hartig, G. D. Illingworth, D. R. Ardila, F. Bartko, T. J. Broadhurst, R. A. Brown, C. J. Burrows, E. S. Cheng, P. D. Feldman, M. Franx, D. A. Golimowski, L. Infante, R. A. Kimble, J. E. Krist, M. P. Lesser, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(5), 1990–2012

New Reference Galaxy Standards for H I Emission Observations — K. O'Neil; **128**(5), 2080–2097

The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695

Mass Models for Spiral Galaxies from Two-dimensional Velocity Maps — Eric I. Barnes, J. A. Sellwood, and Arthur Kosowsky; **128**(6), 2724–2742

Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814

Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837

Galaxies: General

An Optical Study of a Sample of Spiral Galaxies — A. Cabrera-Lavers and F. Garzón; **127**(3), 1386–1404

The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386

Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey — C.-W. Yip, A. J. Connolly, A. S. Szalay, T. Budavári, M. SubbaRao, J. A. Frieman, R. C. Nichol, A. M. Hopkins, D. G. York, S. Okamura, J. Brinkmann, I. Csabai, A. R. Thakar, M. Fukugita, and Ž. Ivezić; **128**(2), 585–609

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695

Galaxies: Halos

Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

Deep Photometry in a Remote M31 Major-Axis Field near G1 — R. Michael Rich, David B. Reitzel, Puragra Guhathakurta, Karl Gebhardt, and Luis C. Ho; **127**(4), 2139–2144

RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752

Extinction Effects in Spiral Galaxy Rotation Curves — Carlos Valotto and Riccardo Giovanelli; **128**(1), 115–120

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270

A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686

Galaxies: High-Redshift

The Evolution of Early-Type Field Galaxies Selected from a NICMOS Map of the Hubble Deep Field North — S. A. Stanford, Mark Dickinson, Marc Postman, Henry C. Ferguson, Ray A. Lucas, Christopher J. Conselice, Tamás Budavári, and Rachel Somerville; **127**(1), 131–155

The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229

VLBA Observations of $z > 4$ Radio-loud Quasars — Emmanuel Momjian, Andreea O. Petric, and Christopher L. Carilli; **127**(2), 587–591

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

[O II] as a Star Formation Rate Indicator — Lisa J. Kewley, Margaret J. Geller, and Rolf A. Jansen; **127**(4), 2002–2030

A New Nonparametric Approach to Galaxy Morphological Classification — Jennifer M. Lotz, Joel Primack, and Piero Madau; **128**(1), 163–182

Chandra Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533

A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

Large-Scale Structure of Emission-Line Galaxies at $z = 3.1$ — Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(5), 2073–2079

Galaxies: Individual

3C 218

Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52

Andromeda II

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

Arp 158

Neutral Hydrogen in Arp 158 — Mansie G. Iyer, Caroline E. Simpson, Stephen T. Gottesman, and Benjamin K. Malphrus; **128**(3), 985–996

Canis Major Dwarf

The Globular Cluster System of the Canis Major Dwarf Galaxy — Duncan A. Forbes, Jay Strader, and Jean P. Brodie; **127**(6), 3394–3398

Carina

Erratum: "Proper Motions of Dwarf Spheroidal Galaxies from *Hubble Space Telescope* Imaging. II. Measurement for Carina" [Astron. J. **126**, 2346 (2003)] — Slawomir Piatek, Carlton Pryor, Edward W. Olszewski, Hugh C. Harris, Mario Mateo, Dante Minniti, and Christopher G. Tinney; **128**(2), 951

CGCG 535-017

See Galaxies: Individual: M31

Draco

The RR Lyrae Distance to the Draco Dwarf Spheroidal Galaxy — A. Z. Bonanos, K. Z. Stanek, A. H. Szentgyorgyi, D. D. Sasselov, and G. Á. Bakos; **127**(2), 861–867

ESO 215-G?009

ESO 215-G?009: An Extreme H I–rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

Fornax

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

The Chemical Enrichment History of the Fornax Dwarf Spheroidal Galaxy from the Infrared Calcium Triplet — Frédéric Pont, Robert Zinn, Carme Gallart, Eduardo Hardy, and Rebeccah Winnick; **127**(2), 840–860

Absolute Proper Motion of the Fornax Dwarf Spheroidal Galaxy from Photographic and *Hubble Space Telescope* WFPC2 Data — Dana I. Dinescu, Brian A. Keeney, Steven R. Majewski, and Terrence M. Girard; **128**(2), 687–699

Haro 2

H I and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4 — H. Bravo-Alfaro, E. Brinks, A. J. Baker, F. Walter, and D. Kunth; **127**(1), 264–278

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

Haro 3

Revealing the Young Starburst in Haro 3 with Radio and Infrared Imaging — Kelsey E. Johnson, Rémy Indebetouw, Christer Watson, and Henry A. Kobulnicky; **128**(2), 610–616

Haro 4, Haro 26

H I and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4 — H. Bravo-Alfaro, E. Brinks, A. J. Baker, F. Walter, and D. Kunth; **127**(1), 264–278

IC 3328, IC 3388

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

IRAS 05189−2524, IRAS 07598+6508

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

KIG 284

Very Isolated Early-Type Galaxies — John T. Stocke, Brian A. Keeney, Aaron D. Lewis, Harland W. Epps, and Rudolph E. Schild; **127**(3), 1336–1343

M31

Short-Period Variable Stars in the M31 Halo — Andrew E. Dolphin, A. Saha, Edward W. Olszewski, Frank Thim, Evan D. Skillman, J. S. Gallagher, and John Hoessel; **127**(2), 875–896

Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138

RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752

Interstellar Polarization in M31 — Geoffrey C. Clayton, Michael J. Wolff, Karl D. Gordon, Paul S. Smith, Kenneth H. Nordsieck, and Brian L. Babler; **127**(6), 3382–3387

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270

Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596

The Chemical Properties of Milky Way and M31 Globular Clusters. I. A Comparative Study — Michael A. Beasley, Jean P. Brodie, Jay Strader, Duncan A. Forbes, Robert N. Proctor, Pauline Barmby, and John P. Huchra; **128**(4), 1623–1645

The Hot Interstellar Medium in M31 and M33 — J. B. Hutchings and K. Butler; **128**(5), 2234–2238

M32

RR Lyrae Stars in M32: Signatures of an Ancient Population — Javier Alonso-García, Mario Mateo, and Guy Worthey; **127**(2), 868–874

The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530

Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837

M33

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

The Hot Interstellar Medium in M31 and M33 — J. B. Hutchings and K. Butler; **128**(5), 2234–2238

M51

CNO Abundances in Metal-rich Environments: *Infrared Space Observatory* Spectroscopy of Ionized Gas in M51 — Donald R. Garnett, Michael G. Edmunds, Richard B. C. Henry, Bernard E. J. Pagel, and Evan D. Skillman; **128**(6), 2772–2782

M81

The Hα Light Curves and Spatial Distribution of Novae in M81 — James D. Neill and Michael M. Shara; **127**(2), 816–831

M101

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

Markarian 35

See Galaxies: Individual: Haro 3

Markarian 78

Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624

Markarian 463

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

Markarian 573

Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki; **128**(1), 109–114

Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki; **128**(5), 2066–2072

NGC 224

See Galaxies: Individual: M31

NGC 253

A VLBI Study of Free-Free Absorbed Compact Radio Sources in the NGC 253 Starburst — S. J. Tingay; **127**(1), 10–16

NGC 300

The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176

NGC 404

High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102

NGC 541

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

NGC 891

A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686

NGC 1058

The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855

NGC 1399

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

NGC 1409, NGC 1410

Ongoing Mass Transfer in the Interacting Galaxy Pair NGC 1409/1410 — William C. Keel; **127**(3), 1325–1335

NGC 2366

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

NGC 2685

The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797

NGC 2832

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

NGC 3077

Stars, Star Clusters, and Dust in NGC 3077 — T. J. Davidge; **127**(3), 1460–1471

NGC 3081

A *Hubble Space Telescope* Study of Star Formation in the Inner Resonance Ring of NGC 3081 — Ronald J. Buta, Gene G. Byrd, and Tarsh Freeman; **127**(4), 1982–2001

NGC 3184

The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723

NGC 3353

See Galaxies: Individual: Haro 3

NGC 3379

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

NGC 3610

Revisiting the Globular Cluster System of the Merger Remnant Elliptical Galaxy NGC 3610 — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(1), 295–301

Probing Spectral Line Gradients beyond One Effective Radius in NGC 3610 — Justin H. Howell, Jean P. Brodie, Jay Strader, Duncan A. Forbes, and Robert Proctor; **128**(6), 2749–2757

NGC 3921

Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210

NGC 4038, NGC 4039

The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678

NGC 4051

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

NGC 4194

Looking Closely at Medusa: Star-forming Knots at the Center of NGC 4194 — D. Weistrop, D. Eggers, M. Hancock, C. H. Nelson, R. Bachilla, and M. E. Kaiser; **127**(3), 1360–1370

NGC 4214

Submillimeter Observations of the Low-Metallicity Galaxy NGC 4214 — Gaku Kiuchi, Kouji Ohta, Marcin Sawicki, and Michael Allen; **128**(6), 2743–2748

NGC 4217

Hubble Space Telescope Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673

NGC 4278, NGC 4374

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

NGC 4388

Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

NGC 4395

Cepheids and Long-Period Variables in NGC 4395 — F. Thim, J. G. Hoessel, A. Saha, J. Claver, A. Dolphin, and G. A. Tammann; **127**(4), 2322–2343

NGC 4406

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

NGC 4418

Near-Infrared and Millimeter Constraints on the Nuclear Energy Source of the Infrared-luminous Galaxy NGC 4418 — Masatoshi Imanishi, Kouichiro Nakanishi, Nario Kuno, and Kotaro Kohno; **128**(5), 2037–2047

NGC 4486

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

NGC 4522

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

NGC 4594

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

NGC 4650A

The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797

NGC 4839

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

NGC 4861

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

NGC 5128

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. I. The Database — Gretchen L. H. Harris, Doug Geisler, William E. Harris, Brian P. Schmidt, James E. Hesser, Mike Reid, Margaret Milne, Scott C. Hulme, and Tyler T. Kidd; **128**(2), 712–722

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. II. Large-Scale Properties of the System — Gretchen L. H. Harris, William E. Harris, and Doug Geisler; **128**(2), 723–735

NGC 6166

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

NGC 6240

Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251

NGC 6822

X-Ray–Optical–Radio Observations of a Resolved Supernova Remnant in NGC 6822 — Albert K. H. Kong, Lorán O. Sjouwerman, and Benjamin F. Williams; **128**(6), 2783–2788

The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825

NGC 6946

Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084

NGC 7714

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

NGC 7768

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

Phoenix Dwarf

The Variable-Star Population in Phoenix: Coexistence of Anomalous and Short-Period Classical Cepheids and Detection of RR Lyrae Variables — C. Gallart, A. Aparicio, W. L. Freedman, B. F. Madore, D. Martínez-Delgado, and P. B. Stetson; **127**(3), 1486–1501

PKS 1243+036

Subaru Spectroscopy of the Giant Lyα Nebula Associated with the High-z Powerful Radio Galaxy 1243+036 — Youichi Ohyama and Yoshiaki Taniguchi; **127**(3), 1313–1317

PKS 1345+12

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

PKS 1934−638

VLBI Observations of the Gigahertz-peaked Spectrum Galaxy PKS 1934−638 — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, Anastasios K. Tzioumis, and John E. Reynolds; **127**(4), 1977–1981

Sagittarius Dwarf Spheroidal

Elemental Abundances of Three Red Giants in Terzan 7, a Globular Cluster Associated with the Sagittarius Galaxy — Gražina Tautvaišienė, George Wallerstein, Doug Geisler, Guillermo Gonzalez, and Corinne Charbonnel; **127**(1), 373–379

Palomar 12 as a Part of the Sagittarius Stream: The Evidence from Abundance Ratios — Judith G. Cohen; **127**(3), 1545–1554

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

Sextans A

First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A — Andreas Kaufer, Kim A. Venn, Eline Tolstoy, Christophe Pinte, and Rolf-Peter Kudritzki; **127**(5), 2723–2737

Small Magellanic Cloud

The Star Formation History of the Small Magellanic Cloud — Jason Harris and Dennis Zaritsky; **127**(3), 1531–1544

UGC 454

See Galaxies: Individual: M31

UGC 10043

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

UGCA 92

Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386

WLM

H I Observations of the Local Group Dwarf WLM — Dale C. Jackson, Evan D. Skillman, John M. Cannon, and Stéphanie Côté; **128**(3), 1219–1227

I Zw 18

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

VII Zw 19

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

VII Zw 403

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

Galaxies: Interactions

Hubble Space Telescope Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89

Revisiting the Globular Cluster System of the Merger Remnant Elliptical Galaxy NGC 3610 — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(1), 295–301

The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678

A Study of the Distribution of Star-forming Regions in Luminous Infrared Galaxies by Means of Hα Imaging Observations — T. Hattori, M. Yoshida, H. Ohtani, H. Sugai, T. Ishigaki, M. Sasaki, T. Hayashi, S. Ozaki, M. Ishii, and A. Kawai; **127**(2), 736–757

Improved Models for the Evolution of the Coma Cluster of Galaxies — Seppo Laine, Jia-Qing Zheng, and Mauri J. Valtonen; **127**(2), 765–770

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

Ongoing Mass Transfer in the Interacting Galaxy Pair NGC 1409/1410 — William C. Keel; **127**(3), 1325–1335

Forming Young Bulges within Existing Disks: Statistical Evidence for External Drivers — Sheila J. Kannappan, Rolf A. Jansen, and Elizabeth J. Barton; **127**(3), 1371–1385

The Ionized Gas in Local Starburst Galaxies: Global and Small-Scale Feedback from Star Formation — Daniela Calzetti, Jason Harris, John S. Gallagher III, Denise A. Smith, Christopher J. Conselice, Nicole Homeier, and Lisa Kewley; **127**(3), 1405–1430

Merging Galaxies in the Sloan Digital Sky Survey Early Data Release — Sahar S. Allam, Douglas L. Tucker, J. Allyn Smith, Brian C. Lee, James Annis, Huan Lin, Igor D. Karachentsev, and Bryan E. Laubscher; **127**(4), 1883–1899

Optical Imaging of Very Luminous Infrared Galaxy Systems: Photometric Properties and Late Evolution — Santiago Arribas, Howard Bushouse, Ray A. Lucas, Luis Colina, and Kirk D. Borne; **127**(5), 2522–2543

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

The Relation between Galaxy Activity and the Dynamics of Compact Groups of Galaxies — R. Coziol, E. Brinks, and H. Bravo-Alfaro; **128**(1), 68–88

Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210

Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968

Neutral Hydrogen in Arp 158 — Mansie G. Iyer, Caroline E. Simpson, Stephen T. Gottesman, and Benjamin K. Malphrus; **128**(3), 985–996

Radio Continuum Emission in Polar Ring Galaxies — A. L. Cox and L. S. Sparke; **128**(5), 2013–2021

A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Galaxies: Intergalactic Medium

Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

Searching for the Intragroup Medium in Loose Groups of Galaxies — D. J. Pisano, Bart P. Wakker, Eric M. Wilcots, and Dirk Fabian; **127**(1), 199–212

Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659

Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440

The Evolution of the Intergalactic Medium Transmission to Redshift 6 — Antoinette Songaila; **127**(5), 2598–2603

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941

H I Gas in Higher Density Regions of the Intergalactic Medium — Toru Misawa, David Tytler, Masanori Iye, Pascal Paschos, Michael Norman, David Kirkman, John O'Meara, Nao Suzuki, and Nobunari Kashikawa; **128**(6), 2954–2961

Galaxies: Irregular

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

Star Clusters in Virgo and Fornax Dwarf Irregular Galaxies — Anil Seth, Knut Olsen, Bryan Miller, Jennifer Lotz, and Rosie Telford; **127**(2), 798–815

First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A — Andreas Kaufer, Kim A. Venn, Eline Tolstoy, Christophe Pinte, and Rolf-Peter Kudritzki; **127**(5), 2723–2737

ESO 215-G?009: An Extreme H I–rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

H I Observations of the Local Group Dwarf WLM — Dale C. Jackson, Evan D. Skillman, John M. Cannon, and Stéphanie Côté; **128**(3), 1219–1227

Star Formation Properties of a Large Sample of Irregular Galaxies — Deidre A. Hunter and Bruce G. Elmegreen; **128**(5), 2170–2205

Dynamical Mass Estimates for Five Young Massive Stellar Clusters — Søren S. Larsen, Jean P. Brodie, and Deidre A. Hunter; **128**(5), 2295–2305

Submillimeter Observations of the Low-Metallicity Galaxy NGC 4214 — Gaku Kiuchi, Kouji Ohta, Marcin Sawicki, and Michael Allen; **128**(6), 2743–2748

Galaxies: ISM

An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130

The Ionized Gas in Local Starburst Galaxies: Global and Small-Scale Feedback from Star Formation — Daniela Calzetti, Jason Harris, John S. Gallagher III, Denise A. Smith, Christopher J. Conselice, Nicole Homeier, and Lisa Kewley; **127**(3), 1405–1430

H I Observations of Barred Magellanic Spirals. II. The Frequency and Impact of Companions — Eric M. Wilcots and Moire K. M. Prescott; **127**(4), 1900–1916

Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

Hubble Space Telescope Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673

A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686

ESO 215-G?009: An Extreme H I–Rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

Hubble Space Telescope Spectroscopy of Four Luminous Compact Blue Galaxies at Intermediate Redshift — C. Hoyos, R. Guzmán, M. A. Bershady, D. C. Koo, and A. I. Díaz; **128**(4), 1541–1551

The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723

Submillimeter Observations of the Low-Metallicity Galaxy NGC 4214 — Gaku Kiuchi, Kouji Ohta, Marcin Sawicki, and Michael Allen; **128**(6), 2743–2748

Dust and Ionized Gas in Nine Nearby Early-Type Galaxies Imaged with the *Hubble Space Telescope* Advanced Camera for Surveys — A. R. Martel, H. C. Ford, L. D. Bradley, H. D. Tran, F. Menanteau, Z. I. Tsvetanov, G. D. Illingworth, G. F. Hartig, and M. Clampin; **128**(6), 2758–2771

CNO Abundances in Metal-rich Environments: *Infrared Space Observatory* Spectroscopy of Ionized Gas in M51 — Donald R. Garnett, Michael G. Edmunds, Richard B. C. Henry, Bernard E. J. Pagel, and Evan D. Skillman; **128**(6), 2772–2782

Neutral Hydrogen in the Interacting Magellanic Spirals NGC 4618 and NGC 4625 — Stephanie J. Bush and Eric M. Wilcots; **128**(6), 2789–2796

H I Gas in Higher Density Regions of the Intergalactic Medium — Toru Misawa, David Tytler, Masanori Iye, Pascal Paschos, Michael Norman, David Kirkman, John O'Meara, Nao Suzuki, and Nobunari Kashikawa; **128**(6), 2954–2961

Galaxies: Jets

Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52

An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124

Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624

VLBI Observations of the Gigahertz-peaked Spectrum Galaxy PKS 1934−638 — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, Anastasios K. Tzioumis, and John E. Reynolds; **127**(4), 1977–1981

Change in Speed and Direction of the Jet near the Core in the Quasar 3C 279 — Svetlana G. Jorstad, Alan P. Marscher, Matthew L. Lister, Alastair M. Stirling, Timothy V. Cawthorne, José-Luis Gómez, and Walter K. Gear; **127**(6), 3115–3120

Chandra Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533

Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Galaxies: Kinematics and Dynamics

Hubble Space Telescope Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89

Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

The Distribution of Maximum Relative Gravitational Torques in Disk Galaxies — R. Buta, E. Laurikainen, and H. Salo; **127**(1), 279–294

Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624

VLBI Observations of the Gigahertz-peaked Spectrum Galaxy PKS 1934−638 — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, Anastasios K. Tzioumis, and John E. Reynolds; **127**(4), 1977–1981

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

M/L, Hα Rotation Curves, and H I Measurements for 329 Nearby Cluster and Field Spirals. I. Data — Nicole P. Vogt, Martha P. Haynes, Terry Herter, and Riccardo Giovanelli; **127**(6), 3273–3299

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. II. Evidence for Galaxy Infall — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3300–3324

M/L, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. III. Evolution in Fundamental Galaxy Parameters — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3325–3337

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102

Rotationally Supported Virgo Cluster Dwarf Elliptical Galaxies: Stripped Dwarf Irregular Galaxies? — Liese van Zee, Evan D. Skillman, and Martha P. Haynes; **128**(1), 121–136

Gravitational Bar and Spiral Arm Torques from K_s-Band Observations and Implications for the Pattern Speeds — D. L. Block, R. Buta, J. H. Knapen, D. M. Elmegreen, B. G. Elmegreen, and I. Puerari; **128**(1), 183–201

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111

ESO 215-G?009: An Extreme H I–Rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

Changes of Angular Momentum and Entropy Induced by Jeans-unstable Density Waves in Stellar Disks of Flat Galaxies — Evgeny Griv and Michael Gedalin; **128**(5), 1965–1973

Mass Models for Spiral Galaxies from Two-dimensional Velocity Maps — Eric I. Barnes, J. A. Sellwood, and Arthur Kosowsky; **128**(6), 2724–2742

Galaxies: Local Group

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

The Chemical Enrichment History of the Fornax Dwarf Spheroidal Galaxy from the Infrared Calcium Triplet — Frédéric Pont, Robert Zinn, Carme Gallart, Eduardo Hardy, and Rebeccah Winnick; **127**(2), 840–860

The RR Lyrae Distance to the Draco Dwarf Spheroidal Galaxy — A. Z. Bonanos, K. Z. Stanek, A. H. Szentgyorgyi, D. D. Sasselov, and G. Á. Bakos; **127**(2), 861–867

Short-Period Variable Stars in the M31 Halo — Andrew E. Dolphin, A. Saha, Edward W. Olszewski, Frank Thim, Evan D. Skillman, J. S. Gallagher, and John Hoessel; **127**(2), 875–896

The Variable-Star Population in Phoenix: Coexistence of Anomalous and Short-Period Classical Cepheids and Detection of RR Lyrae Variables — C. Gallart, A. Aparicio, W. L. Freedman, B. F. Madore, D. Martínez-Delgado, and P. B. Stetson; **127**(3), 1486–1501

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

H I Observations of the Local Group Dwarf WLM — Dale C. Jackson, Evan D. Skillman, John M. Cannon, and Stéphanie Côté; **128**(3), 1219–1227

Galaxies: Luminosity Function, Mass Function

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

A Snapshot Survey for Gravitational Lenses among $z \geq 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312

Very Isolated Early-Type Galaxies — John T. Stocke, Brian A. Keeney, Aaron D. Lewis, Harland W. Epps, and Rudolph E. Schild; **127**(3), 1336–1343

Radio Continuum Emission at 1.4 GHz from KISS Emission-Line Galaxies — Jeffrey Van Duyne, Eli Beckerman, John J. Salzer, Caryl Gronwall, Trinh X. Thuan, J. J. Condon, and Lisa M. Frattare; **127**(4), 1959–1976

A Catalog of Neighboring Galaxies — Igor D. Karachentsev, Valentina E. Karachentseva, Walter K. Huchtmeier, and Dmitry I. Makarov; **127**(4), 2031–2068

The Luminosity Function of Early-Type Field Galaxies at $z \approx 0.75$ — N. J. G. Cross, R. J. Bouwens, N. Benítez, J. P. Blakeslee, F. Menanteau, H. C. Ford, T. Goto, B. Holden, A. R. Martel, A. Zirm, R. Overzier, C. Gronwall, N. Homeier, M. Clampin, G. F. Hartig, G. D. Illingworth, D. R. Ardila, F. Bartko, T. J. Broadhurst, R. A. Brown, C. J. Burrows, E. S. Cheng, P. D. Feldman, M. Franx, D. A. Golimowski, L. Infante, R. A. Kimble, J. E. Krist, M. P. Lesser, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(5), 1990–2012

Galaxies: Magellanic Clouds

An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130

The MACHO Project Large Magellanic Cloud Variable-Star Inventory. XIII. Fourier Parameters for the First-Overtone RR Lyrae Variables and the LMC Distance — C. Alcock, D. R. Alves, T. S. Axelrod, A. C. Becker, D. P. Bennett, C. M. Clement, K. H. Cook, A. J. Drake, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, A. Muzzin, C. A. Nelson, B. A. Peterson, P. Popowski, P. J. Quinn, A. W. Rodgers, J. F. Rowe, W. Sutherland, T. Vandehei, and D. L. Welch; **127**(1), 334–354

Were the Large Magellanic Cloud Globular Clusters Formed in a Disk? — Sidney van den Bergh; **127**(2), 897–898

The Star Formation History of the Small Magellanic Cloud — Jason Harris and Dennis Zaritsky; **127**(3), 1531–1544

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605

The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614

Australia Telescope Compact Array Survey of Candidate Ultracompact and Buried H II Regions in the Magellanic Clouds — Rémy Indebetouw, Kelsey E. Johnson, and Peter Conti; **128**(5), 2206–2233

New Cepheid Period-Luminosity Relations for the Large Magellanic Cloud: 92 Near-Infrared Light Curves — S. E. Persson, Barry F. Madore, W. Krzemiński, Wendy L. Freedman, M. Roth, and D. C. Murphy; **128**(5), 2239–2264

Galaxies: Nuclei

The Mass-Luminosity Relation, Accretion Rate–Luminosity Relation, and Evolutionary Sequence of Blazars — G.-Z. Xie, S.-B. Zhou, and E.-W. Liang; **127**(1), 53–57

Hubble Space Telescope Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89

A *Hubble Space Telescope* Census of Nuclear Star Clusters in Late-Type Spiral Galaxies. II. Cluster Sizes and Structural Parameter Correlations — Torsten Böker, Marc Sarzi, Dean E. McLaughlin, Roeland P. van der Marel, Hans-Walter Rix, Luis C. Ho, and Joseph C. Shields; **127**(1), 105–118

Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942

Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

Inner Polar Rings in Regular Lenticular Galaxies — O. K. Sil'chenko and V. L. Afanasiev; **127**(5), 2641–2658

Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179

Nuclear Stellar Populations in the *Infrared Space Observatory* Atlas of Bright Spiral Galaxies — George J. Bendo and Robert D. Joseph; **127**(6), 3338–3360

Catalog of Double Nucleus Disk Galaxies — Germán N. Gimeno, Rubén J. Díaz, and Gustavo J. Carranza; **128**(1), 62–67

Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki; **128**(1), 109–114

Chandra Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533

Nuclear Properties of a Sample of Nearby Spiral Galaxies from *Hubble Space Telescope* STIS Imaging — C. Scarlata, M. Stiavelli, M. A. Hughes, D. Axon, A. Alonso-Herrero, J. Atkinson, D. Batcheldor, J. Binney, A. Capetti, C. M. Carollo, L. Dressel, J. Gerssen, D. Macchetto, W. Maciejewski, A. Marconi, M. Merrifield, M. Ruiz, W. Sparks, Z. Tsvetanov, and R. P. van der Marel; **128**(3), 1124–1137

Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall, B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Near-Infrared and Millimeter Constraints on the Nuclear Energy Source of the Infrared-luminous Galaxy NGC 4418 — Masatoshi Imanishi, Kouichiro Nakanishi, Nario Kuno, and Kotaro Kohno; **128**(5), 2037–2047

Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki; **128**(5), 2066–2072

Galaxies: Peculiar

The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678

The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

Catalog of Double Nucleus Disk Galaxies — Germán N. Gimeno, Rubén J. Díaz, and Gustavo J. Carranza; **128**(1), 62–67

A New Nonparametric Approach to Galaxy Morphological Classification — Jennifer M. Lotz, Joel Primack, and Piero Madau; **128**(1), 163–182

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

Radio Continuum Emission in Polar Ring Galaxies — A. L. Cox and L. S. Sparke; **128**(5), 2013–2021

A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Galaxies: Photometry

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Environmental Effects in the Structural Parameters of Galaxies in the Coma Cluster — J. A. L. Aguerri, J. Iglesias-Páramo, J. M. Vílchez, and C. Muñoz-Tuñón; **127**(3), 1344–1359

An Optical Study of a Sample of Spiral Galaxies — A. Cabrera-Lavers and F. Garzón; **127**(3), 1386–1404

Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942

A *Hubble Space Telescope* Study of Star Formation in the Inner Resonance Ring of NGC 3081 — Ronald J. Buta, Gene G. Byrd, and Tarsh Freeman; **127**(4), 1982–2001

Inner-truncated Disks in Galaxies — Kurt S. J. Anderson, Sylvia M. Baggett, and Wayne E. Baggett; **127**(4), 2085–2093

Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \simeq 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510

Optical Imaging of Very Luminous Infrared Galaxy Systems: Photometric Properties and Late Evolution — Santiago Arribas, Howard Bushouse, Ray A. Lucas, Luis Colina, and Kirk D. Borne; **127**(5), 2522–2543

The Team Keck Treasury Redshift Survey of the GOODS-North Field — Gregory D. Wirth, Christopher N. A. Willmer, Paola Amico, Frederic H. Chaffee, Robert W. Goodrich, Shui Kwok, James E. Lyke, Jeff A. Mader, Hien D. Tran, Amy J. Barger, Lennox L. Cowie, Peter Capak, Alison L. Coil, Michael C. Cooper, Al Conrad, Marc Davis, S. M. Faber, Esther M. Hu, David C. Koo, David Le Mignant, Jeffrey A. Newman, and Antoinette Songaila; **127**(6), 3121–3136

Early-Type Galaxies in Extremely Isolated Environments: Typical Ellipticals? — Pamela M. Marcum, Christian E. Aars, and Michael N. Fanelli; **127**(6), 3213–3234

The *Spitzer Space Telescope* First-Look Survey: KPNO Mosaic-1 *R*-Band Images and Source Catalogs — Dario Fadda, Buell T. Jannuzi, Alyson Ford, and Lisa J. Storrie-Lombardi; **128**(1), 1–15

Gravitational Bar and Spiral Arm Torques from K_s-Band Observations and Implications for the Pattern Speeds — D. L. Block, R. Buta, J. H. Knapen, D. M. Elmegreen, B. G. Elmegreen, and I. Puerari; **128**(1), 183–201

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270

Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968

ESO 215-G?009: An Extreme H I–Rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166

The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614

Large-Scale Structure of Emission-Line Galaxies at $z = 3.1$ — Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(5), 2073–2079

UBVIJHK Photometric Study of the Open Cluster NGC 2849 — J.-M. Kyeong, Y.-I. Byun, E.-C. Sung, and M.-S. Chun; **128**(5), 2331–2338

Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814

Galaxies: Quasars: Absorption Lines

Searching for the Intragroup Medium in Loose Groups of Galaxies — D. J. Pisano, Bart P. Wakker, Eric M. Wilcots, and Dirk Fabian; **127**(1), 199–212

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

The Evolution of the Intergalactic Medium Transmission to Redshift 6 — Antoinette Songaila; **127**(5), 2598–2603

A Survey of $z > 5.7$ Quasars in the Sloan Digital Sky Survey. III. Discovery of Five Additional Quasars — Xiaohui Fan, Joseph F. Hennawi, Gordon T. Richards, Michael A. Strauss, Donald P. Schneider, Jennifer L. Donley, Jason E. Young, James Annis, Huan Lin, Hubert Lampeitl, Robert H. Lupton, James E. Gunn, Gillian R. Knapp, W. N. Brandt, Scott Anderson, Neta A. Bahcall, Jon Brinkmann, Robert J. Brunner, Masataka Fukugita, Alexander S. Szalay, Gyula P. Szokoly, and Donald G. York; **128**(2), 515–522

A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543

The Kast Ground-based Ultraviolet Spectral Survey of 79 Quasi-stellar Objects at Redshift 2 for Lyα Forest and Metal Absorption — David Tytler, John M. O'Meara, Nao Suzuki, David Kirkman, Dan Lubin, and Adam Orin; **128**(3), 1058–1077

Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789

H I Gas in Higher Density Regions of the Intergalactic Medium — Toru Misawa, David Tytler, Masanori Iye, Pascal Paschos, Michael Norman, David Kirkman, John O'Meara, Nao Suzuki, and Nobunari Kashikawa; **128**(6), 2954–2961

Galaxies: Quasars: Emission Lines

A Search for Nitrogen-enriched Quasars in the Sloan Digital Sky Survey Early Data Release — Misty C. Bentz and Patrick S. Osmer; **127**(2), 576–586

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

A Lyα-only Active Galactic Nucleus from the Sloan Digital Sky Survey — Patrick B. Hall, Erik A. Hoversten, Christy A. Tremonti, Daniel E. Vanden Berk, Donald P. Schneider, Michael A. Strauss, Gillian R. Knapp, Donald G. York, Damien Hutsemékers, P. R. Newman, J. Brinkmann, Brenda Frye, Masataka Fukugita, Karl Glazebrook, Michael Harvanek, Timothy M. Heckman, Željko Ivezić, S. Kleinman, Jurek Krzesiński, Daniel C. Long, Eric Neilsen, Martin Niederste-Ostholt, Atsuko Nitta, David J. Schlegel, and S. Snedden; **127**(6), 3146–3154

A Survey of $z > 5.7$ Quasars in the Sloan Digital Sky Survey. III. Discovery of Five Additional Quasars — Xiaohui Fan, Joseph F. Hennawi, Gordon T. Richards, Michael A. Strauss, Donald P. Schneider, Jennifer L. Donley, Jason E. Young, James Annis, Huan Lin, Hubert Lampeitl, Robert H. Lupton, James E. Gunn, Gillian R. Knapp, W. N. Brandt, Scott Anderson, Neta A. Bahcall, Jon Brinkmann, Robert J. Brunner, Masataka Fukugita, Alexander S. Szalay, Gyula P. Szokoly, and Donald G. York; **128**(2), 515–522

A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543

Quasars as Absorption Probes of the J0053+1234 Region — Daniel H. McIntosh, Chris D. Impey, and Catherine E. Petry; **128**(2), 544–560

Nitrogen-enriched Quasars in the Sloan Digital Sky Survey First Data Release — Misty C. Bentz, Patrick B. Hall, and Patrick S. Osmer; **128**(2), 561–568

The Kast Ground-based Ultraviolet Spectral Survey of 79 Quasi-stellar Objects at Redshift 2 for Lyα Forest and Metal Absorption — David Tytler, John M. O'Meara, Nao Suzuki, David Kirkman, Dan Lubin, and Adam Orin; **128**(3), 1058–1077

Galaxies: Quasars: General

XMM-Newton Observations of Two High-Redshift Quasars: RX J1028–0844 and BR 0351–1034 — D. Grupe, S. Mathur, B. Wilkes, and M. Elvis; **127**(1), 1–9

The Mass-Luminosity Relation, Accretion Rate–Luminosity Relation, and Evolutionary Sequence of Blazars — G.-Z. Xie, S.-B. Zhou, and E.-W. Liang; **127**(1), 53–57

A Complete Sample of Soft X-Ray–selected AGNs. I. The Data — Dirk Grupe, Beverley J. Wills, Karen M. Leighly, and Helmut Meusinger; **127**(1), 156–179

The Asiago-ESO/RASS QSO Survey. III. Clustering Analysis and Theoretical Interpretation — Andrea Grazian, Mattia Negrello, Lauro Moscardini, Stefano Cristiani, Martin G. Haehnelt, Sabino Matarrese, Alessandro Omizzolo, and Eros Vanzella; **127**(2), 592–605

An Unbiased Census of Active Galactic Nuclei in the Two Micron All Sky Survey — Paul J. Francis, Brant O. Nelson, and Roc M. Cutri; **127**(2), 646–655

A Snapshot Survey for Gravitational Lenses among $z \geq 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312

SDSS J115517.35+634622.0: A Newly Discovered Gravitationally Lensed Quasar — Bart Pindor, Daniel J. Eisenstein, Naohisa Inada, Michael D. Gregg, Robert H. Becker, Jon Brinkmann, Scott Burles, Joshua A. Frieman, David E. Johnston, Gordon T. Richards, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Edwin L. Turner, and Donald G. York; **127**(3), 1318–1324

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

A Complete Sample of Soft X-Ray–selected AGNs. II. Statistical Analysis — Dirk Grupe; **127**(4), 1799–1810

Optical Properties of Faint FIRST Variable Radio Sources — W. H. de Vries, R. H. Becker, R. L. White, and D. J. Helfand; **127**(5), 2565–2578

A Lyα-only Active Galactic Nucleus from the Sloan Digital Sky Survey — Patrick B. Hall, Erik A. Hoversten, Christy A. Tremonti, Daniel E. Vanden Berk, Donald P. Schneider, Michael A. Strauss, Gillian R. Knapp, Donald G. York, Damien Hutsemékers, P. R. Newman, J. Brinkmann, Brenda Frye, Masataka Fukugita, Karl Glazebrook, Michael Harvanek, Timothy M. Heckman, Željko Ivezić, S. Kleinman, Jurek Krzesiński, Daniel C. Long, Eric Neilsen, Martin Niederste-Ostholt, Atsuko Nitta, David J. Schlegel, and S. Snedden; **127**(6), 3146–3154

Markarian 1239: A Highly Polarized Narrow-Line Seyfert 1 Galaxy with a Steep X-Ray Spectrum and Strong Ne IX Emission — D. Grupe, S. Mathur, and S. Komossa; **127**(6), 3161–3167

Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179

Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

A Survey of $z > 5.7$ Quasars in the Sloan Digital Sky Survey. III. Discovery of Five Additional Quasars — Xiaohui Fan, Joseph F. Hennawi, Gordon T. Richards, Michael A. Strauss, Donald P. Schneider, Jennifer L. Donley, Jason E. Young, James Annis, Huan Lin, Hubert Lampeitl, Robert H. Lupton, James E. Gunn, Gillian R. Knapp, W. N. Brandt, Scott Anderson, Neta A. Bahcall, Jon Brinkmann, Robert J. Brunner, Masataka Fukugita, Alexander S. Szalay, Gyula P. Szokoly, and Donald G. York; **128**(2), 515–522

Chandra Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533

A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543

Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 1002–1016

Dust Reddening in Sloan Digital Sky Survey Quasars — Philip F. Hopkins, Michael A. Strauss, Patrick B. Hall, Gordon T. Richards, Ariana S. Cooper, Donald P. Schneider, Daniel E. Vanden Berk, Sebastian Jester, J. Brinkmann, and Gyula P. Szokoly; **128**(3), 1112–1123

Chandra Observations of the Narrow-Line Seyfert 1 Galaxy RX J2217.9−5941 — D. Grupe, K. M. Leighly, V. Burwitz, P. Predehl, and S. Mathur; **128**(4), 1524–1528

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects — C.-W. Yip, A. J. Connolly, D. E. Vanden Berk, Z. Ma, J. A. Frieman, M. SubbaRao, A. S. Szalay, G. T. Richards, P. B. Hall, D. P. Schneider, A. M. Hopkins, J. Trump, and J. Brinkmann; **128**(6), 2603–2630

Galaxies: Quasars: Individual

B0207−398

A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543

3C 279

Change in Speed and Direction of the Jet near the Core in the Quasar 3C 279 — Svetlana G. Jorstad, Alan P. Marscher, Matthew L. Lister, Alastair M. Stirling, Timothy V. Cawthorne, José-Luis Gómez, and Walter K. Gear; **127**(6), 3115–3120

3C 345

Microvariability and Long-Term Variability of Four Blazars — Emily S. Howard, James R. Webb, Joseph T. Pollock, and Robert E. Stencel; **127**(1), 17–23

BR 0351−1034

XMM-Newton Observations of Two High-Redshift Quasars: RX J1028–0844 and BR 0351–1034 — D. Grupe, S. Mathur, B. Wilkes, and M. Elvis; **127**(1), 1–9

BR 1202−0725

Subaru Deep Spectroscopy of a Star-forming Companion Galaxy of BR 1202−0725 at $z = 4.7$ — Youichi Ohyama, Yoshiaki Taniguchi, and Yasuhiro Shioya; **128**(6), 2704–2711

Markarian 1239

Markarian 1239: A Highly Polarized Narrow-Line Seyfert 1 Galaxy with a Steep X-Ray Spectrum and Strong Ne IX Emission — D. Grupe, S. Mathur, and S. Komossa; **127**(6), 3161–3167

PG 1407+265

A Lyα-only Active Galactic Nucleus from the Sloan Digital Sky Survey — Patrick B. Hall, Erik A. Hoversten, Christy A. Tremonti, Daniel E. Vanden Berk, Donald P. Schneider, Michael A. Strauss, Gillian R. Knapp, Donald G. York, Damien Hutsemékers, P. R. Newman, J. Brinkmann, Brenda Frye, Masataka Fukugita, Karl Glazebrook, Michael Harvanek, Timothy M. Heckman, Željko Ivezić, S. Kleinman, Jurek Krzesiński, Daniel C. Long, Eric Neilsen, Martin Niederste-Ostholt, Atsuko Nitta, David J. Schlegel, and S. Snedden; **127**(6), 3146–3154

PMN J1838−3427

The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703

RX J1028.6−0844

XMM-Newton Observations of Two High-Redshift Quasars: RX J1028–0844 and BR 0351–1034 — D. Grupe, S. Mathur, B. Wilkes, and M. Elvis; **127**(1), 1–9

RX J2217.9−5941

Chandra Observations of the Narrow-Line Seyfert 1 Galaxy RX J2217.9−5941 — D. Grupe, K. M. Leighly, V. Burwitz, P. Predehl, and S. Mathur; **128**(4), 1524–1528

SDSS J095253.83+011421.9

A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543

SDSS J100434.91+411242.8

Models of the Giant Quadruple Quasar SDSS J1004+4112 — Liliya L. R. Williams and Prasenjit Saha; **128**(6), 2631–2641

SDSS J113658.36+024220.1

A Lyα-only Active Galactic Nucleus from the Sloan Digital Sky Survey — Patrick B. Hall, Erik A. Hoversten, Christy A. Tremonti, Daniel E. Vanden Berk, Donald P. Schneider, Michael A. Strauss, Gillian R. Knapp, Donald G. York, Damien Hutsemékers, P. R. Newman, J. Brinkmann, Brenda Frye, Masataka Fukugita, Karl Glazebrook, Michael Harvanek, Timothy M. Heckman, Željko Ivezić, S. Kleinman, Jurek Krzesiński, Daniel C. Long, Eric Neilsen, Martin Niederste-Ostholt, Atsuko Nitta, David J. Schlegel, and S. Snedden; **127**(6), 3146–3154

SDSS J234625.67−001600.4

Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659

SDSSp J083643.85+005453.3, J103027.10+052455.0, J104433.04−012502.2, J130608.26+035626.3

A Snapshot Survey for Gravitational Lenses among $z \geq 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312

Galaxies: Seyfert

Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104

Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251

Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624

The KPNO International Spectroscopic Survey. IV. Hα-selected Survey List 2 — Caryl Gronwall, John J. Salzer, Vicki L. Sarajedini, Anna Jangren, Laura Chomiuk, J. Ward Moody, Lisa M. Frattare, and Todd A. Boroson; **127**(4), 1943–1958

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179

Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191

Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653

Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki; **128**(1), 109–114

Spectroscopy of KISS Emission-Line Galaxy Candidates. II. Hobby-Eberly Telescope Observations — Caryl Gronwall, Anna Jangren, John J. Salzer, Jessica K. Werk, and Robin Ciardullo; **128**(2), 644–661

Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968

Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984

Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki; **128**(5), 2066–2072

Galaxies: Spiral

The Inner Ring of NGC 4736: Star Formation on a Resonant Pattern — Casiana Muñoz-Tuñón, Nicola Caon, and J. Alfonso L. Aguerri; **127**(1), 58–74

A *Hubble Space Telescope* Census of Nuclear Star Clusters in Late-Type Spiral Galaxies. II. Cluster Sizes and Structural Parameter Correlations — Torsten Böker, Marc Sarzi, Dean E. McLaughlin, Roeland P. van der Marel, Hans-Walter Rix, Luis C. Ho, and Joseph C. Shields; **127**(1), 105–118

The Distribution of Maximum Relative Gravitational Torques in Disk Galaxies — R. Buta, E. Laurikainen, and H. Salo; **127**(1), 279–294

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485

H I Observations of Barred Magellanic Spirals. II. The Frequency and Impact of Companions — Eric M. Wilcots and Moire K. M. Prescott; **127**(4), 1900–1916

A *Hubble Space Telescope* Study of Star Formation in the Inner Resonance Ring of NGC 3081 — Ronald J. Buta, Gene G. Byrd, and Tarsh Freeman; **127**(4), 1982–2001

Inner-truncated Disks in Galaxies — Kurt S. J. Anderson, Sylvia M. Baggett, and Wayne E. Baggett; **127**(4), 2085–2093

The Globular Cluster Systems of the Sculptor Group — Knut A. G. Olsen, Bryan W. Miller, Nicholas B. Suntzeff, Robert A. Schommer, and John Bright; **127**(5), 2674–2693

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

Extinction Effects in Spiral Galaxy Rotation Curves — Carlos Valotto and Riccardo Giovanelli; **128**(1), 115–120

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

Gravitational Bar and Spiral Arm Torques from K_s-Band Observations and Implications for the Pattern Speeds — D. L. Block, R. Buta, J. H. Knapen, D. M. Elmegreen, B. G. Elmegreen, and I. Puerari; **128**(1), 183–201

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

Hubble Space Telescope Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673

A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686

Nuclear Properties of a Sample of Nearby Spiral Galaxies from *Hubble Space Telescope* STIS Imaging — C. Scarlata, M. Stiavelli, M. A. Hughes, D. Axon, A. Alonso-Herrero, J. Atkinson, D. Batcheldor, J. Binney, A. Capetti, C. M. Carollo, L. Dressel, J. Gerssen, D. Macchetto, W. Maciejewski, A. Marconi, M. Merrifield, M. Ruiz, W. Sparks, Z. Tsvetanov, and R. P. van der Marel; **128**(3), 1124–1137

Shapley-Ames Galaxies in the Blue and Infrared — Sidney van den Bergh; **128**(3), 1138–1140

New Reference Galaxy Standards for H I Emission Observations — K. O'Neil; **128**(5), 2080–2097

Neutral Hydrogen in the Interacting Magellanic Spirals NGC 4618 and NGC 4625 — Stephanie J. Bush and Eric M. Wilcots; **128**(6), 2789–2796

Galaxies: Starburst

Hubble Space Telescope Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89

A Search for Nitrogen-enriched Quasars in the Sloan Digital Sky Survey Early Data Release — Misty C. Bentz and Patrick S. Osmer; **127**(2), 576–586

Metal Abundances of KISS Galaxies. II. Nebular Abundances of 12 Low-Luminosity Emission-Line Galaxies — Jason Melbourne, Andrew Phillips, John J. Salzer, Caryl Gronwall, and Vicki L. Sarajedini; **127**(2), 686–703

Near-Infrared Colors of Submillimeter-selected Galaxies — D. T. Frayer, N. A. Reddy, L. Armus, A. W. Blain, N. Z. Scoville, and Ian Smail; **127**(2), 728–735

A Study of the Distribution of Star-forming Regions in Luminous Infrared Galaxies by Means of Hα Imaging Observations — T. Hattori, M. Yoshida, H. Ohtani, H. Sugai, T. Ishigaki, M. Sasaki, T. Hayashi, S. Ozaki, M. Ishii, and A. Kawai; **127**(2), 736–757

The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797

Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284

Subaru Spectroscopy of the Giant Lyα Nebula Associated with the High-z Powerful Radio Galaxy 1243+036 — Youichi Ohyama and Yoshiaki Taniguchi; **127**(3), 1313–1317

Looking Closely at Medusa: Star-forming Knots at the Center of NGC 4194 — D. Weistrop, D. Eggers, M. Hancock, C. H. Nelson, R. Bachilla, and M. E. Kaiser; **127**(3), 1360–1370

Forming Young Bulges within Existing Disks: Statistical Evidence for External Drivers — Sheila J. Kannappan, Rolf A. Jansen, and Elizabeth J. Barton; **127**(3), 1371–1385

The Ionized Gas in Local Starburst Galaxies: Global and Small-Scale Feedback from Star Formation — Daniela Calzetti, Jason Harris, John S. Gallagher III, Denise A. Smith, Christopher J. Conselice, Nicole Homeier, and Lisa Kewley; **127**(3), 1405–1430

Sloan Digital Sky Survey Spectroscopic Lens Search. I. Discovery of Intermediate-Redshift Star-forming Galaxies behind Foreground Luminous Red Galaxies — Adam S. Bolton, Scott Burles, David J. Schlegel, Daniel J. Eisenstein, and J. Brinkmann; **127**(4), 1860–1882

The KPNO International Spectroscopic Survey. IV. Hα-selected Survey List 2 — Caryl Gronwall, John J. Salzer, Vicki L. Sarajedini, Anna Jangren, Laura Chomiuk, J. Ward Moody, Lisa M. Frattare, and Todd A. Boroson; **127**(4), 1943–1958

Radio Continuum Emission at 1.4 GHz from KISS Emission-Line Galaxies — Jeffrey Van Duyne, Eli Beckerman, John J. Salzer, Caryl Gronwall, Trinh X. Thuan, J. J. Condon, and Lisa M. Frattare; **127**(4), 1959–1976

[O II] as a Star Formation Rate Indicator — Lisa J. Kewley, Margaret J. Geller, and Rolf A. Jansen; **127**(4), 2002–2030

Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084

Optical Imaging of Very Luminous Infrared Galaxy Systems: Photometric Properties and Late Evolution — Santiago Arribas, Howard Bushouse, Ray A. Lucas, Luis Colina, and Kirk D. Borne; **127**(5), 2522–2543

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584

Revealing the Young Starburst in Haro 3 with Radio and Infrared Imaging — Kelsey E. Johnson, Rémy Indebetouw, Christer Watson, and Henry A. Kobulnicky; **128**(2), 610–616

The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643

Spectroscopy of KISS Emission-Line Galaxy Candidates. II. Hobby-Eberly Telescope Observations — Caryl Gronwall, Anna Jangren, John J. Salzer, Jessica K. Werk, and Robin Ciardullo; **128**(2), 644–661

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

Spectrophotometry of Star-forming Regions in H II Galaxies — Carolina Kehrig, Eduardo Telles, and François Cuisinier; **128**(3), 1141–1151

Hubble Space Telescope Spectroscopy of Four Luminous Compact Blue Galaxies at Intermediate Redshift — C. Hoyos, R. Guzmán, M. A. Bershady, D. C. Koo, and A. I. Díaz; **128**(4), 1541–1551

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

The Fall of Active Galactic Nuclei and the Rise of Star-forming Galaxies: A Close Look at the Chandra Deep Field X-Ray Number Counts — F. E. Bauer, D. M. Alexander, W. N. Brandt, D. P. Schneider, E. Treister, A. E. Hornschemeier, and G. P. Garmire; **128**(5), 2048–2065

A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Tunable-Filter Imaging of Quasar Fields at $z \sim 1$. II. The Star-forming Galaxy Environments of Radio-loud Quasars — J. M. Barr, J. C. Baker, M. N. Bremer, R. W. Hunstead, and J. Bland-Hawthorn; **128**(6), 2660–2676

Subaru Deep Spectroscopy of a Star-forming Companion Galaxy of BR 1202−0725 at $z = 4.7$ — Youichi Ohyama, Yoshiaki Taniguchi, and Yasuhiro Shioya; **128**(6), 2704–2711

Galaxies: Star Clusters

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

A *Hubble Space Telescope* Census of Nuclear Star Clusters in Late-Type Spiral Galaxies. II. Cluster Sizes and Structural Parameter Correlations — Torsten Böker, Marc Sarzi, Dean E. McLaughlin, Roeland P. van der Marel, Hans-Walter Rix, Luis C. Ho, and Joseph C. Shields; **127**(1), 105–118

Revisiting the Globular Cluster System of the Merger Remnant Elliptical Galaxy NGC 3610 — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(1), 295–301

The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317

A Two-Phase Chemical Enrichment Model for the Milky Way Globular Cluster System — Marcel L. VanDalfsen and William E. Harris; **127**(1), 368–372

Star Clusters in Virgo and Fornax Dwarf Irregular Galaxies — Anil Seth, Knut Olsen, Bryan Miller, Jennifer Lotz, and Rosie Telford; **127**(2), 798–815

Were the Large Magellanic Cloud Globular Clusters Formed in a Disk? — Sidney van den Bergh; **127**(2), 897–898

Ongoing Mass Transfer in the Interacting Galaxy Pair NGC 1409/1410 — William C. Keel; **127**(3), 1325–1335

Looking Closely at Medusa: Star-forming Knots at the Center of NGC 4194 — D. Weistrop, D. Eggers, M. Hancock, C. H. Nelson, R. Bachilla, and M. E. Kaiser; **127**(3), 1360–1370

Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113

The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132

The Globular Cluster Systems of the Sculptor Group — Knut A. G. Olsen, Bryan W. Miller, Nicholas B. Suntzeff, Robert A. Schommer, and John Bright; **127**(5), 2674–2693

The Globular Cluster System of the Canis Major Dwarf Galaxy — Duncan A. Forbes, Jay Strader, and Jean P. Brodie; **127**(6), 3394–3398

Metal-poor Globular Clusters and Galaxy Formation — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(6), 3431–3436

Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210

Revealing the Young Starburst in Haro 3 with Radio and Infrared Imaging — Kelsey E. Johnson, Rémy Indebetouw, Christer Watson, and Henry A. Kobulnicky; **128**(2), 610–616

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

A Principal Components Analysis of the Lick Indices of Galactic Globular Clusters — Jay Strader and Jean P. Brodie; **128**(4), 1671–1675

Dynamical Mass Estimates for Five Young Massive Stellar Clusters — Søren S. Larsen, Jean P. Brodie, and Deidre A. Hunter; **128**(5), 2295–2305

Morphology of Galactic Open Clusters — W.-P. Chen, C.-W. Chen, and C.-G. Shu; **128**(5), 2306–2315

Galaxies: Statistics

Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Optical Properties of Faint FIRST Variable Radio Sources — W. H. de Vries, R. H. Becker, R. L. White, and D. J. Helfand; **127**(5), 2565–2578

Catalog of Double Nucleus Disk Galaxies — Germán N. Gimeno, Rubén J. Díaz, and Gustavo J. Carranza; **128**(1), 62–67

Shapley-Ames Galaxies in the Blue and Infrared — Sidney van den Bergh; **128**(3), 1138–1140

The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695

Galaxies: Stellar Content

The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678

Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788

The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

Resolving the Stellar Population of the Standard Elliptical Galaxy NGC 3379 — Michael D. Gregg, Henry C. Ferguson, Dante Minniti, Nial Tanvir, and Robin Catchpole; **127**(3), 1441–1459

The Ages of Dwarf Elliptical Galaxies — Karl Rakos and James Schombert; **127**(3), 1502–1512

The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530

The Star Formation History of the Small Magellanic Cloud — Jason Harris and Dennis Zaritsky; **127**(3), 1531–1544

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

Deep Photometry in a Remote M31 Major-Axis Field near G1 — R. Michael Rich, David B. Reitzel, Puragra Guhathakurta, Karl Gebhardt, and Luis C. Ho; **127**(4), 2139–2144

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752

Nuclear Stellar Populations in the *Infrared Space Observatory* Atlas of Bright Spiral Galaxies — George J. Bendo and Robert D. Joseph; **127**(6), 3338–3360

Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244

Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. I. The Database — Gretchen L. H. Harris, Doug Geisler, William E. Harris, Brian P. Schmidt, James E. Hesser, Mike Reid, Margaret Milne, Scott C. Hulme, and Tyler T. Kidd; **128**(2), 712–722

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. II. Large-Scale Properties of the System — Gretchen L. H. Harris, William E. Harris, and Doug Geisler; **128**(2), 723–735

The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176

The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614

Mass Models for Spiral Galaxies from Two-dimensional Velocity Maps — Eric I. Barnes, J. A. Sellwood, and Arthur Kosowsky; **128**(6), 2724–2742

The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825

Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837

Galaxies: Structure

Hubble Space Telescope Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47

Hubble Space Telescope Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89

The Distribution of Maximum Relative Gravitational Torques in Disk Galaxies — R. Buta, E. Laurikainen, and H. Salo; **127**(1), 279–294

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

Environmental Effects in the Structural Parameters of Galaxies in the Coma Cluster — J. A. L. Aguerri, J. Iglesias-Páramo, J. M. Vílchez, and C. Muñoz-Tuñón; **127**(3), 1344–1359

An Optical Study of a Sample of Spiral Galaxies — A. Cabrera-Lavers and F. Garzón; **127**(3), 1386–1404

Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942

A *Hubble Space Telescope* Study of Star Formation in the Inner Resonance Ring of NGC 3081 — Ronald J. Buta, Gene G. Byrd, and Tarsh Freeman; **127**(4), 1982–2001

Inner Polar Rings in Regular Lenticular Galaxies — O. K. Sil'chenko and V. L. Afanasiev; **127**(5), 2641–2658

Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212

VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374

High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

A New Nonparametric Approach to Galaxy Morphological Classification — Jennifer M. Lotz, Joel Primack, and Piero Madau; **128**(1), 163–182

Gravitational Bar and Spiral Arm Torques from K_s-Band Observations and Implications for the Pattern Speeds — D. L. Block, R. Buta, J. H. Knapen, D. M. Elmegreen, B. G. Elmegreen, and I. Puerari; **128**(1), 183–201

The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236

A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686

Nuclear Properties of a Sample of Nearby Spiral Galaxies from *Hubble Space Telescope* STIS Imaging — C. Scarlata, M. Stiavelli, M. A. Hughes, D. Axon, A. Alonso-Herrero, J. Atkinson, D. Batcheldor, J. Binney, A. Capetti, C. M. Carollo, L. Dressel, J. Gerssen, D. Macchetto, W. Maciejewski, A. Marconi, M. Merrifield, M. Ruiz, W. Sparks, Z. Tsvetanov, and R. P. van der Marel; **128**(3), 1124–1137

Changes of Angular Momentum and Entropy Induced by Jeans-unstable Density Waves in Stellar Disks of Flat Galaxies — Evgeny Griv and Michael Gedalin; **128**(5), 1965–1973

A Deep K-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143

Galaxy: Abundances

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273

Galaxy: Bulge

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

PN G000.2+06.1 and PN G002.3+02.2: Two New Type I Planetary Nebulae in the Galactic Bulge — M. Manteiga, A. Manchado, P. García-Lario, and C. Pérez de los Heros; **127**(6), 3437–3443

Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401

Galaxy: Center

The Variability of Sagittarius A* at Centimeter Wavelengths — Robeson M. Herrnstein, Jun-Hui Zhao, Geoffrey C. Bower, and W. M. Goss; **127**(6), 3399–3410

An Inverse-Problem Approach to Cluster Dynamics — Dalia Chakrabarty and Simon Portegies Zwart; **128**(3), 1046–1057

High-Resolution, Wide-Field Imaging of the Galactic Center Region at 330 MHz — Michael E. Nord, T. Joseph W. Lazio, Namir E. Kassim, S. D. Hyman, T. N. LaRosa, C. L. Brogan, and N. Duric; **128**(4), 1646–1670

Galaxy: Disk

A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367

Observations of White Dwarfs in the Solar Neighborhood — Adela Kawka, Stéphane Vennes, and John R. Thorstensen; **127**(3), 1702–1711

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273

Galaxy: Evolution

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jachyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

The Metal-poor Inner Spheroid Globular Cluster NGC 6558 — T. J. Davidge, M. Ledlow, and P. Puxley; **128**(1), 300–311

Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287

Galaxy: Formation

The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273

Galaxy: Globular Clusters: General

A Two-Phase Chemical Enrichment Model for the Milky Way Globular Cluster System — Marcel L. VanDalfsen and William E. Harris; **127**(1), 368–372

CCD Photometry of the Globular Cluster ω Centauri. II. Stellar Populations and Age-Metallicity Relation — Soo-Chang Rey, Young-Wook Lee, Chang H. Ree, Jong-Myung Joo, Young-Jong Sohn, and Alistair R. Walker; **127**(2), 958–979

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

Palomar 12 as a Part of the Sagittarius Stream: The Evidence from Abundance Ratios — Judith G. Cohen; **127**(3), 1545–1554

The Chemical Inhomogeneity of Faint M13 Stars: Carbon and Nitrogen Abundances — Michael M. Briley, Judith G. Cohen, and Peter B. Stetson; **127**(3), 1579–1587

On the Carbon and Nitrogen Abundances of 47 Tucanae's Main-Sequence Stars — Michael M. Briley, Daniel Harbeck, Graeme H. Smith, and Eva K. Grebel; **127**(3), 1588–1593

On the Probability of Stellar Encounters in Globular Clusters — A. E. Ashurov; **127**(4), 2154–2161

Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770

Hubble Space Telescope Observations of the Main Sequence of M4 — H. B. Richer, G. G. Fahlman, J. Brewer, S. Davis, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2771–2792

The Globular Cluster System of the Canis Major Dwarf Galaxy — Duncan A. Forbes, Jay Strader, and Jean P. Brodie; **127**(6), 3394–3398

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. I. The Database — Gretchen L. H. Harris, Doug Geisler, William E. Harris, Brian P. Schmidt, James E. Hesser, Mike Reid, Margaret Milne, Scott C. Hulme, and Tyler T. Kidd; **128**(2), 712–722

Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. II. Large-Scale Properties of the System — Gretchen L. H. Harris, William E. Harris, and Doug Geisler; **128**(2), 723–735

The Metallicity Dependence of the Fourier Components of RR Lyrae Light Curves Is the Oosterhoff-Arp-Preston Period Ratio Effect in Disguise — Allan Sandage; **128**(2), 858–868

Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall, B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540

The Chemical Properties of Milky Way and M31 Globular Clusters. I. A Comparative Study — Michael A. Beasley, Jean P. Brodie, Jay Strader, Duncan A. Forbes, Robert N. Proctor, Pauline Barmby, and John P. Huchra; **128**(4), 1623–1645

A Principal Components Analysis of the Lick Indices of Galactic Globular Clusters — Jay Strader and Jean P. Brodie; **128**(4), 1671–1675

Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287

Galaxy: Globular Clusters: Individual

ω Centauri

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

CCD Photometry of the Globular Cluster ω Centauri. II. Stellar Populations and Age-Metallicity Relation — Soo-Chang Rey, Young-Wook Lee, Chang H. Ree, Jong-Myung Joo, Young-Jong Sohn, and Alistair R. Walker; **127**(2), 958–979

The Giant Branches of ω Centauri: Multiwavelength Observations of Evolved Stars — Joanne Hughes, George Wallerstein, Floor van Leeuwen, and Michael Hilker; **127**(2), 980–990

E3 (=ESO 37-1)

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

G1

Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138

Deep Photometry in a Remote M31 Major-Axis Field near G1 — R. Michael Rich, David B. Reitzel, Puragra Guhathakurta, Karl Gebhardt, and Luis C. Ho; **127**(4), 2139–2144

HP 1, Liller 1

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

Lyngå 7

The 2MASS Color-Magnitude Diagram of the Globular Cluster Lyngå 7 — Ata Sarajedini; **128**(3), 1228–1232

M3

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

M4

Searching for Variability in the Globular Cluster Messier 4 — Robert D. Ferdman, Harvey B. Richer, James Brewer, Greg G. Fahlman, Brad K. Gibson, Brad M. S. Hansen, Mark E. Huber, Rodrigo A. Ibata, Jasonjot S. Kalirai, Jaymie M. Matthews, R. Michael Rich, Jason F. Rowe, Michael M. Shara, and Peter B. Stetson; **127**(1), 380–393

Hubble Space Telescope Observations of the Main Sequence of M4 — H. B. Richer, G. G. Fahlman, J. Brewer, S. Davis, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2771–2792

Concerning the White Dwarf Cooling Age of M4: A Reply to De Marchi et al. on "A Different Interpretation of Recent Deep *HST* Observations" — H. B. Richer, J. Brewer, G. G. Fahlman, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2904–2908

M13

The Chemical Inhomogeneity of Faint M13 Stars: Carbon and Nitrogen Abundances — Michael M. Briley, Judith G. Cohen, and Peter B. Stetson; **127**(3), 1579–1587

M15

The Luminous Erupting Dwarf Nova CV 1 in the Dense Globular Cluster M15 — Michael M. Shara, Sasha Hinkley, David R. Zurek, Christian Knigge, and Howard E. Bond; **128**(6), 2847–2853

M55

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

M71

Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401

M80

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

M92

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

NGC 104

See Galaxy: Globular Clusters: Individual: 47 Tucanae

NGC 288

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

NGC 1851

Far-Ultraviolet Observations of RR Lyrae Stars in the Core of NGC 1851 — Ronald A. Downes, Bruce Margon, Lee Homer, and Scott F. Anderson; **128**(5), 2288–2294

NGC 1866

Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605

NGC 4833

Measuring the Slope of the Dust Extinction Law and the Power Spectrum of Dust Clouds Using Differentially Reddened Globular Clusters — J. Melbourne and P. Guhathakurta; **128**(1), 271–286

NGC 5053

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

NGC 5466

SX Phoenicis Stars in the Globular Cluster NGC 5466 — Young-Beom Jeon, Myung Gyoon Lee, Seung-Lee Kim, and Ho Lee; **128**(1), 287–299

NGC 6256

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

NGC 6397

The Giant Branches of ω Centauri: Multiwavelength Observations of Evolved Stars — Joanne Hughes, George Wallerstein, Floor van Leeuwen, and Michael Hilker; **127**(2), 980–990

NGC 6539

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

NGC 6558

The Metal-poor Inner Spheroid Globular Cluster NGC 6558 — T. J. Davidge, M. Ledlow, and P. Puxley; **128**(1), 300–311

NGC 6752

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

NGC 7492

Mass Segregation and Tidal Tails of the Globular Cluster NGC 7492 — Kang Hwan Lee, Hyung Mok Lee, Gregory G. Fahlman, and Hwankyung Sung; **128**(6), 2838–2846

Palomar 5

Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770

Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287

Palomar 6

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401

Palomar 12

Palomar 12 as a Part of the Sagittarius Stream: The Evidence from Abundance Ratios — Judith G. Cohen; **127**(3), 1545–1554

Palomar 13

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

Terzan 2

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

Terzan 4

An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

Terzan 5

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

Terzan 7

Elemental Abundances of Three Red Giants in Terzan 7, a Globular Cluster Associated with the Sagittarius Galaxy — Gražina Tautvaišienė, George Wallerstein, Doug Geisler, Guillermo Gonzalez, and Corinne Charbonnel; **127**(1), 373–379

47 Tucanae

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

On the Carbon and Nitrogen Abundances of 47 Tucanae's Main-Sequence Stars — Michael M. Briley, Daniel Harbeck, Graeme H. Smith, and Eva K. Grebel; **127**(3), 1588–1593

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

Erratum: "The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky" [Astron. J. **126**, 772 (2003)] — Jay Anderson and Ivan R. King; **128**(2), 950

Galaxy: Halo

Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. I. Sample Selection and Structure in the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 899–913

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. II. Kinematics of the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 914–924

The QUEST RR Lyrae Survey. I. The First Catalog — A. K. Vivas, R. Zinn, C. Abad, P. Andrews, C. Bailyn, C. Baltay, A. Bongiovanni,

C. Briceño, G. Bruzual, P. Coppi, F. Della Prugna, N. Ellman, I. Ferrín, M. Gebhard, T. Girard, J. Hernández, D. Herrera, R. Honeycutt, G. Magris, S. Mufson, J. Musser, O. Naranjo, D. Rabinowitz, A. Rengstorf, P. Rosenzweig, Ge. Sánchez, Gu. Sánchez, B. Schaefer, H. Schenner, J. A. Snyder, S. Sofia, J. Stock, W. van Altena, B. Vicente, and K. Vieira; **127**(2), 1158–1175

Mapping the Inner Halo of the Galaxy with 2MASS-selected Horizontal-Branch Candidates — Warren R. Brown, Margaret J. Geller, Scott J. Kenyon, Timothy C. Beers, Michael J. Kurtz, and John B. Roll; **127**(3), 1555–1566

The Asymmetric Thick Disk: A Star-Count and Kinematic Analysis. II. The Kinematics — Jennifer E. Parker, Roberta M. Humphreys, and Timothy C. Beers; **127**(3), 1567–1578

The Chemical Composition Contrast between M3 and M13 Revisited: New Abundances for 28 Giant Stars in M3 — Christopher Sneden, Robert P. Kraft, Puragra Guhathakurta, Ruth C. Peterson, and Jon P. Fulbright; **127**(4), 2162–2184

Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273

Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287

Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941

Galaxy: Kinematics and Dynamics

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. II. Kinematics of the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 914–924

The Asymmetric Thick Disk: A Star-Count and Kinematic Analysis. II. The Kinematics — Jennifer E. Parker, Roberta M. Humphreys, and Timothy C. Beers; **127**(3), 1567–1578

An Inverse-Problem Approach to Cluster Dynamics — Dalia Chakrabarty and Simon Portegies Zwart; **128**(3), 1046–1057

Galaxy: Open Clusters and Associations: General

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

Velocity Dispersion of Dissolving OB Associations Affected by External Pressure of the Formation Environment — Hideyuki Kamaya; **128**(2), 761–764

Metal Abundances in Extremely Distant Galactic Old Open Clusters. I. Berkeley 29 and Saurer 1 — Giovanni Carraro, Fabio Bresolin, Sandro Villanova, Francesca Matteucci, Ferdinando Patat, and Martino Romaniello; **128**(4), 1676–1683

Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916

Galaxy: Open Clusters and Associations: Individual

Berkeley 29

Metal Abundances in Extremely Distant Galactic Old Open Clusters. I. Berkeley 29 and Saurer 1 — Giovanni Carraro, Fabio Bresolin, Sandro Villanova, Francesca Matteucci, Ferdinando Patat, and Martino Romaniello; **128**(4), 1676–1683

HD 97950 Cluster

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Horologium

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

Hyades

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

Searching for Planets in the Hyades. V. Limits on Planet Detection in the Presence of Stellar Activity — Diane B. Paulson, William D. Cochran, and Artie P. Hatzes; **127**(6), 3579–3586

TW Hydrae Association

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

IC 348

A Multiyear Photometric Study of IC 348 — Roger E. Cohen, William Herbst, and Eric C. Williams; **127**(3), 1602–1621

IC 4756

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

M34

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

M35

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

M37

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

M67

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

NGC 188

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

NGC 1245

Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245 — Christopher J. Burke, B. Scott Gaudi, D. L. DePoy, Richard W. Pogge, and Marc H. Pinsonneault; **127**(4), 2382–2397

NGC 1579 Cluster

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

NGC 1647

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

NGC 2264

Periodic Variability of Pre–Main-Sequence Stars in the NGC 2264 OB Association — Russell B. Makidon, Luisa M. Rebull, Stephen E. Strom, Mark T. Adams, and Brian M. Patten; **127**(4), 2228–2245

The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351

The Initial Mass Function and Young Brown Dwarf Candidates in NGC 2264. I. The Initial Mass Function around S Monocerotis — Hwankyung Sung, Michael S. Bessell, and Moo-Young Chun; **128**(4), 1684–1693

NGC 2516

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

NGC 2548

A Survey of Open Clusters in the $u'g'r'i'z'$ Filter System. I. Results for NGC 2548 (M48) — Cristin J. Rider, Douglas L. Tucker, J. Allyn Smith, Chris Stoughton, Sahar S. Allam, and Eric H. Neilsen, Jr.; **127**(4), 2210–2227

NGC 2849

UBVIJHK Photometric Study of the Open Cluster NGC 2849 — J.-M. Kyeong, Y.-I. Byun, E.-C. Sung, and M.-S. Chun; **128**(5), 2331–2338

NGC 3532

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

NGC 3603

The Initial Mass Function and Stellar Content of NGC 3603 — Hwankyung Sung and Michael S. Bessell; **127**(2), 1014–1028

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Hubble Space Telescope NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861

NGC 3680

*uvbyCa*Hβ CCD Photometry of Clusters. IV. Solving the Riddle of NGC 3680 — Barbara J. Anthony-Twarog and Bruce A. Twarog; **127**(2), 1000–1013

NGC 6633

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

NGC 6791

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

NGC 6939

WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631

NGC 6940

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

NGC 7538 Cluster

A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953

σ Orionis

Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330

β Pictoris Moving Group

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

Praesepe

Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789

Roslund 4

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

Saurer 1

Metal Abundances in Extremely Distant Galactic Old Open Clusters. I. Berkeley 29 and Saurer 1 — Giovanni Carraro, Fabio Bresolin, Sandro Villanova, Francesca Matteucci, Ferdinando Patat, and Martino Romaniello; **128**(4), 1676–1683

Trapezium

Deep 3.8 Micron Observations of the Trapezium Cluster — Charles J. Lada, August A. Muench, Elizabeth A. Lada, and João F. Alves; **128**(3), 1254–1264

Tucana

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

Upper Scorpius

Spectroscopic Identification of DENIS-selected Brown Dwarf Candidates in the Upper Scorpius OB Association — Eduardo L. Martín, Xavier Delfosse, and Sylvain Guieu; **127**(1), 449–454

Galaxy: Solar Neighborhood

Observations of White Dwarfs in the Solar Neighborhood — Adela Kawka, Stéphane Vennes, and John R. Thorstensen; **127**(3), 1702–1711

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447

The Solar Neighborhood. X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs — Todd J. Henry, John P. Subasavage, Misty A. Brown, Thomas D. Beaulieu, Wei-Chun Jao, and Nigel C. Hambly; **128**(5), 2460–2473

Galaxy: Stellar Content

Mapping the Inner Halo of the Galaxy with 2MASS-selected Horizontal-Branch Candidates — Warren R. Brown, Margaret J. Geller, Scott J. Kenyon, Timothy C. Beers, Michael J. Kurtz, and John B. Roll; **127**(3), 1555–1566

The Asymmetric Thick Disk: A Star-Count and Kinematic Analysis. II. The Kinematics — Jennifer E. Parker, Roberta M. Humphreys, and Timothy C. Beers; **127**(3), 1567–1578

The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447

Meeting the Cool Neighbors. VIII. A Preliminary 20 Parsec Census from the NLTT Catalogue — I. Neill Reid, Kelle L. Cruz, Peter Allen, F. Mungall, D. Kilkenny, James Liebert, Suzanne L. Hawley, Oliver J. Fraser, Kevin R. Covey, Patrick Lowrance, J. Davy Kirkpatrick, and Adam J. Burgasser; **128**(1), 463–483

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

Galaxy: Structure

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. I. Sample Selection and Structure in the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 899–913

The Asymmetric Thick Disk: A Star-Count and Kinematic Analysis. II. The Kinematics — Jennifer E. Parker, Roberta M. Humphreys, and Timothy C. Beers; **127**(3), 1567–1578

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Gamma Rays: Bursts

Optical-Infrared ANDICAM Observations of the Transient Associated with GRB 030329 — J. S. Bloom, P. G. van Dokkum, C. D. Bailyn, M. M. Buxton, S. R. Kulkarni, and B. P. Schmidt; **127**(1), 252–263

Probing a Gamma-Ray Burst Progenitor at a Redshift of $z = 2$: A Comprehensive Observing Campaign of the Afterglow of GRB 030226 — S. Klose, J. Greiner, A. Rau, A. A. Henden, D. H. Hartmann, A. Zeh, C. Ries, N. Masetti, D. Malesani, E. Guenther, J. Gorosabel, B. Stecklum, L. A. Antonelli, C. Brinkworth, J. M. Castro Cerón, A. J. Castro-Tirado, S. Covino, A. Fruchter, J. P. U. Fynbo, G. Ghisellini, J. Hjorth, R. Hudec, M. Jelínek, L. Kaper, C. Kouveliotou, K. Lindsay, E. Maiorano, F. Mannucci, M. Nysewander, E. Palazzi, K. Pedersen, E. Pian, D. E. Reichart, J. Rhoads, E. Rol, I. Smail, N. R. Tanvir, A. de Ugarte Postigo, P. M. Vreeswijk, R. A. M. J. Wijers, and E. P. J. van den Heuvel; **128**(5), 1942–1954

GRB 021211 as a Faint Analog of GRB 990123: Exploring the Similarities and Differences in the Optical Afterglows — Stephen T. Holland, David Bersier, J. S. Bloom, Peter M. Garnavich, Nelson Caldwell, Peter Challis, Robert Kirshner, Kevin Luhman, Brian McLeod, and K. Z. Stanek; **128**(5), 1955–1964

Gamma Rays: Observations

An Optical Survey of the Position Error Contours of Unidentified High-Energy Gamma-Ray Sources at Galactic Latitude $|b| > 20°$ — S. D. Bloom, D. A. Dale, R. Cool, K. Dupczak, C. Miller, A. Haugsjaa, C. Peters, M. Tornikoski, P. Wallace, and M. Pierce; **128**(1), 56–61

Optical Monitoring of Three Gamma-Ray–loud BL Lacertae Objects in 1999–2002 — X. Zhang, L. Zhang, G. Zhao, Z.-H. Xie, L. Wu, and Y.-G. Zheng; **128**(5), 1929–1941

Gravitation

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Gravitational Lensing

Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273

A Snapshot Survey for Gravitational Lenses among $z \gtrsim 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312

SDSS J115517.35+634622.0: A Newly Discovered Gravitationally Lensed Quasar — Bart Pindor, Daniel J. Eisenstein, Naohisa Inada, Michael D. Gregg, Robert H. Becker, Jon Brinkmann, Scott Burles, Joshua A. Frieman, David E. Johnston, Gordon T. Richards, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Edwin L. Turner, and Donald G. York; **127**(3), 1318–1324

Sloan Digital Sky Survey Spectroscopic Lens Search. I. Discovery of Intermediate-Redshift Star-forming Galaxies behind Foreground Luminous Red Galaxies — Adam S. Bolton, Scott Burles, David J. Schlegel, Daniel J. Eisenstein, and J. Brinkmann; **127**(4), 1860–1882

The Galaxy-Mass Correlation Function Measured from Weak Lensing in the Sloan Digital Sky Survey — Erin S. Sheldon, David E. Johnston, Joshua A. Frieman, Ryan Scranton, Timothy A. McKay, A. J. Connolly,

Tamás Budavári, Idit Zehavi, Neta A. Bahcall, J. Brinkmann, and Masataka Fukugita; **127**(5), 2544–2564

A Portable Modeler of Lensed Quasars — Prasenjit Saha and Liliya L. R. Williams; **127**(5), 2604–2616

WFI J2026−4536 and WFI J2033−4723: Two New Quadruple Gravitational Lenses — Nicholas D. Morgan, John A. R. Caldwell, Paul L. Schechter, Alan Dressler, Eiichi Egami, and Hans-Walter Rix; **127**(5), 2617–2630

Weak Lensing from Space. II. Dark Matter Mapping — Richard Massey, Jason Rhodes, Alexandre Refregier, Justin Albert, David Bacon, Gary Bernstein, Richard Ellis, Bhuvnesh Jain, Tim McKay, Saul Perlmutter, and Andy Taylor; **127**(6), 3089–3101

Weak Lensing from Space. III. Cosmological Parameters — Alexandre Refregier, Richard Massey, Jason Rhodes, Richard Ellis, Justin Albert, David Bacon, Gary Bernstein, Tim McKay, and Saul Perlmutter; **127**(6), 3102–3114

Models of the Giant Quadruple Quasar SDSS J1004+4112 — Liliya L. R. Williams and Prasenjit Saha; **128**(6), 2631–2641

The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703

Hydrodynamics

NGC 6543. II. Understanding the Dilation of the Cat's Eye — Bruce Balick and Arsen R. Hajian; **127**(4), 2269–2276

Infrared: Galaxies

The Evolution of Early-Type Field Galaxies selected from a NICMOS Map of the Hubble Deep Field North — S. A. Stanford, Mark Dickinson, Marc Postman, Henry C. Ferguson, Ray A. Lucas, Christopher J. Conselice, Tamás Budavári, and Rachel Somerville; **127**(1), 131–155

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088

An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272

Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968

Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 1002–1016

CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111

K-Band Properties of Well-Sampled Groups of Galaxies — Massimo Ramella, Walter Boschin, Margaret J. Geller, Andisheh Mahdavi, and Kenneth Rines; **128**(5), 2022–2036

Near-Infrared and Millimeter Constraints on the Nuclear Energy Source of the Infrared-luminous Galaxy NGC 4418 — Masatoshi Imanishi, Kouichiro Nakanishi, Nario Kuno, and Kotaro Kohno; **128**(5), 2037–2047

Infrared: General

An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272

Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386

Infrared: ISM

Does the 3.3 Micron Polycyclic Aromatic Hydrocarbon Emission Feature Require Ultraviolet Excitation? — Tracy L. Smith, Geoffrey C. Clayton, and Lynne Valencic; **128**(1), 357–362

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

Infrared: Solar System

Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405

Infrared: Stars

2MASS Counterparts for OH/IR Stars. I. The Arecibo Sample — B. M. Lewis, D. A. Kopon, and Y. Terzian; **127**(1), 501–512

Time Development of Recurrent Nova CI Aquilae's 2000 Outburst between 0.8 and 2.5 Microns — David K. Lynch, J. C. Wilson, Richard J. Rudy, Catherine Venturini, Stephan Mazuk, Neal A. Miller, and Richard C. Puetter; **127**(2), 1089–1097

Low-Mass Stars and Substellar Objects in the NGC 1333 Molecular Cloud — Bruce A. Wilking, Michael R. Meyer, Thomas P. Greene, Ayman Mikhail, and Glenn Carlson; **127**(2), 1131–1146

The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825

The Detection of ^{13}CO and Other Apparent Abundance Anomalies in the Secondary Stars of Long-Period Cataclysmic Variables — Thomas E. Harrison, Heather L. Osborne, and Steve B. Howell; **127**(6), 3493–3507

Near-Infrared Spectroscopy of V1493 Aquilae and V4642 Sagittarii: Two Novae with Unusual Spectral Features — Catherine C. Venturini, Richard J. Rudy, David K. Lynch, S. Mazuk, and R. C. Puetter; **128**(1), 405–410

Mid- and Far-Infrared *Infrared Space Observatory* Limits on Dust Disks around Millisecond Pulsars — T. Joseph W. Lazio and J. Fischer; **128**(2), 842–845

Spectral Irradiance Calibration in the Infrared. XV. Absolute Calibration of Standard Stars by Experiments on the *Midcourse Space Experiment* — S. D. Price, Charles Paxson, Charles Engelke, and Thomas L. Murdock; **128**(2), 889–910

Deep 3.8 Micron Observations of the Trapezium Cluster — Charles J. Lada, August A. Muench, Elizabeth A. Lada, and João F. Alves; **128**(3), 1254–1264

UBVIJHK Photometric Study of the Open Cluster NGC 2849 — J.-M. Kyeong, Y.-I. Byun, E.-C. Sung, and M.-S. Chun; **128**(5), 2331–2338

A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373

A Near-Infrared/Millimeter-Wave Study of Six Fourth-Quadrant High-Mass Star Formation Regions — P. K. Sollins and S. T. Megeath; **128**(5), 2374–2387

Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401

The Late Appearance of He I in V445 Puppis — David K. Lynch, Richard J. Rudy, S. Mazuk, Catherine C. Venturini, Richard C. Puetter, and R. Brad Perry; **128**(6), 2962–2964

Instrumentation: Detectors

Dome-Diffuser Flat-fielding for Schmidt Telescopes — Xu Zhou, David Burstein, Yong-Ik Byun, Jian-Sheng Chen, Wen-Ping Chen, Zhao-Ji Jiang, Jun Ma, Wei-Hsin Sun, Rogier A. Windhorst, Hong Wu, Wen Xu, and Jin Zhu; **127**(6), 3642–3652

Spectral Irradiance Calibration in the Infrared. XV. Absolute Calibration of Standard Stars by Experiments on the *Midcourse Space Experiment* — S. D. Price, Charles Paxson, Charles Engelke, and Thomas L. Murdock; **128**(2), 889–910

Instrumentation: Spectrographs

Abundances of Extremely Metal-poor Star Candidates — David K. Lai, Michael Bolte, Jennifer A. Johnson, and Sara Lucatello; **128**(5), 2402–2419

ISM: Abundances

Sulfur, Chlorine, and Argon Abundances in Planetary Nebulae. IV. Synthesis and the Sulfur Anomaly — R. B. C. Henry, K. B. Kwitter, and Bruce Balick; **127**(4), 2284–2302

Systematic Errors in Elemental Abundances Derived from Nebular Spectra — Brian D. Moore, J. Jeff Hester, and Reginald J. Dufour; **127**(6), 3484–3492

Neutral Hydrogen in Arp 158 — Mansie G. Iyer, Caroline E. Simpson, Stephen T. Gottesman, and Benjamin K. Malphrus; **128**(3), 985–996

ISM: Atoms

Interstellar Neutral Hydrogen Emission Profile Structure — Gerrit L. Verschuur; **127**(1), 394–407

Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941

ISM: Bubbles

The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153

ISM: Clouds

Interstellar Neutral Hydrogen Emission Profile Structure — Gerrit L. Verschuur; **127**(1), 394–407

Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080

Detection of Shocked Molecular Gas by Full-Extent Mapping of the Supernova Remnant W44 — Masumichi Seta, Tetsuo Hasegawa, Seiichi Sakamoto, Tomoharu Oka, Tsuyoshi Sawada, Shu-ichiro Inutsuka, Hiroshi Koyama, and Masahiko Hayashi; **127**(2), 1098–1116

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

Hubble Space Telescope Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

Velocity Dispersion of Dissolving OB Associations Affected by External Pressure of the Formation Environment — Hideyuki Kamaya; **128**(2), 761–764

^{13}CO, C^{18}O, and CS Observations toward Massive Dense Cores — Yiping Ao, Ji Yang, and Kazuyoshi Sunada; **128**(4), 1716–1732

Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941

ISM: Dust, Extinction

Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257

The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825

Spatial Variations of Galaxy Number Counts in the Sloan Digital Sky Survey. I. Extinction, Large-Scale Structure, and Photometric Homogeneity — Masataka Fukugita, Naoki Yasuda, Jon Brinkmann, James E. Gunn, Željko Ivezić, Gillian R. Knapp, Robert Lupton, and Donald P. Schneider; **127**(6), 3155–3160

Interstellar Polarization in M31 — Geoffrey C. Clayton, Michael J. Wolff, Karl D. Gordon, Paul S. Smith, Kenneth H. Nordsieck, and Brian L. Babler; **127**(6), 3382–3387

Extinction Effects in Spiral Galaxy Rotation Curves — Carlos Valotto and Riccardo Giovanelli; **128**(1), 115–120

Measuring the Slope of the Dust Extinction Law and the Power Spectrum of Dust Clouds Using Differentially Reddened Globular Clusters — J. Melbourne and P. Guhathakurta; **128**(1), 271–286

Does the 3.3 Micron Polycyclic Aromatic Hydrocarbon Emission Feature Require Ultraviolet Excitation? — Tracy L. Smith, Geoffrey C. Clayton, and Lynne Valencic; **128**(1), 357–362

Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386

Hubble Space Telescope Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673

Dust Reddening in Sloan Digital Sky Survey Quasars — Philip F. Hopkins, Michael A. Strauss, Patrick B. Hall, Gordon T. Richards, Ariana S. Cooper, Donald P. Schneider, Daniel E. Vanden Berk, Sebastian Jester, J. Brinkmann, and Gyula P. Szokoly; **128**(3), 1112–1123

NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218

The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373

Submillimeter Observations of the Low-Metallicity Galaxy NGC 4214 — Gaku Kiuchi, Kouji Ohta, Marcin Sawicki, and Michael Allen; **128**(6), 2743–2748

Dust and Ionized Gas in Nine Nearby Early-Type Galaxies Imaged with the *Hubble Space Telescope* Advanced Camera for Surveys — A. R. Martel, H. C. Ford, L. D. Bradley, H. D. Tran, F. Menanteau, Z. I. Tsvetanov, G. D. Illingworth, G. F. Hartig, and M. Clampin; **128**(6), 2758–2771

The Late Appearance of He I in V445 Puppis — David K. Lynch, Richard J. Rudy, S. Mazuk, Catherine C. Venturini, Richard C. Puetter, and R. Brad Perry; **128**(6), 2962–2964

ISM: General

A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367

NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218

ISM: Globules

HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808

ISM: H II Regions

The Overlooked H II Region DA 568 — C. R. Kerton, Christopher M. Brunt, and R. Kothes; **127**(2), 1059–1068

Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440

HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808

The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825

Optical Imaging and Spectroscopy of the H II Region G353.2+0.9 in NGC 6357 and Its Relation to Pismis 24 — Joaquín Bohigas, Mauricio Tapia, Miguel Roth, and María Teresa Ruiz; **127**(5), 2826–2837

Systematic E ors in Elemental Abundances Derived from Nebular Spectra — Brian D. Moore, J. Jeff Hester, and Reginald J. Dufour; **127**(6), 3484–3492

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Spectrophotometry of Star-forming Regions in H II Galaxies — Carolina Kehrig, Eduardo Telles, and François Cuisinier; **128**(3), 1141–1151

NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218

Australia Telescope Compact Array Survey of Candidate Ultracompact and Buried H II Regions in the Magellanic Clouds — Rémy Indebetouw, Kelsey E. Johnson, and Peter Conti; **128**(5), 2206–2233

The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106 — You-Hua Chu, Robert A. Gruendl, Rosa M. Williams, Theodore R. Gull, and Klaus Werner; **128**(5), 2357–2363

A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373

ISM: Herbig-Haro Objects

The Three-dimensional Structure of HH 32 from GMOS IFU Spectroscopy — Tracy L. Beck, A. Riera, A. C. Raga, and C. Aspin; **127**(1), 408–419

Herbig-Haro Flows in Ophiuchus — Randy L. Phelps and Mary Barsony; **127**(1), 420–443

Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080

A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088

HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808

Deep Imaging Surveys of Star-forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816

An [S II] Survey of the Rosette Molecular Cloud — Jason E. Ybarra and Randy L. Phelps; **127**(6), 3444–3455

Internal Velocities in the Orion Nebula: Large Radial Velocity Features — Takao Doi, C. R. O'Dell, and Patrick Hartigan; **127**(6), 3456–3478

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

ISM: Individual

Carina Nebula

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

Cepheus A

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

DA 568

The Overlooked H II Region DA 568 — C. R. Kerton, Christopher M. Brunt, and R. Kothes; **127**(2), 1059–1068

30 Doradus

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

HH 32

The Three-dimensional Structure of HH 32 from GMOS IFU Spectroscopy — Tracy L. Beck, A. Riera, A. C. Raga, and C. Aspin; **127**(1), 408–419

A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088

Orion BN/KL

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

Orion Nebula

Compact Radio Sources in Orion: New Detections, Time Variability, and Objects in OMC-1S — Luis A. Zapata, Luis F. Rodríguez, Stanley E. Kurtz, and C. R. O'Dell; **127**(4), 2252–2261

Internal Velocities in the Orion Nebula: Large Radial Velocity Features — Takao Doi, C. R. O'Dell, and Patrick Hartigan; **127**(6), 3456–3478

Rosette Molecular Cloud

An [S II] Survey of the Rosette Molecular Cloud — Jason E. Ybarra and Randy L. Phelps; **127**(6), 3444–3455

NGC 604

NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218

NGC 1333

Low-Mass Stars and Substellar Objects in the NGC 1333 Molecular Cloud — Bruce A. Wilking, Michael R. Meyer, Thomas P. Greene, Ayman Mikhail, and Glenn Carlson; **127**(2), 1131–1146

NGC 1579

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

NGC 6357

Optical Imaging and Spectroscopy of the H II Region G353.2+0.9 in NGC 6357 and Its Relation to Pismis 24 — Joaquín Bohigas, Mauricio Tapia, Miguel Roth, and María Teresa Ruiz; **127**(5), 2826–2837

NGC 7538

A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953

L1451

Deep Imaging Surveys of Star-forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816

LMC N49

FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49 — Ravi Sankrit, William P. Blair, and John C. Raymond; **128**(4), 1615–1622

LMC SGS 2

The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153

MBM 12

A Photometric Study of Stars in the MBM 12 Association — William Herbst, Eric C. Williams, and Wendy P. Hawley; **127**(3), 1594–1601

OMC-1

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

W44

Detection of Shocked Molecular Gas by Full-Extent Mapping of the Supernova Remnant W44 — Masumichi Seta, Tetsuo Hasegawa, Seiichi Sakamoto, Tomoharu Oka, Tsuyoshi Sawada, Shu-ichiro Inutsuka, Hiroshi Koyama, and Masahiko Hayashi; **127**(2), 1098–1116

ISM: Jets and Outflows

The Three-dimensional Structure of HH 32 from GMOS IFU Spectroscopy — Tracy L. Beck, A. Riera, A. C. Raga, and C. Aspin; **127**(1), 408–419

A Subarcsecond Companion to the T Tauri Star AS 353B — A. T. Tokunaga, Bo Reipurth, W. Gässler, Yutaka Hayano, Masahiko Hayashi, Masanori Iye, Tomio Kanzawa, Naoto Kobayashi, Yukiko Kamata, Yosuke Minowa, Ko Nedachi, Shin Oya, Tae-soo Pyo, D. Saint-Jacques, Hiroshi Terada, Hideki Takami, and Naruhisa Takato; **127**(1), 444–448

Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624

Did η Carinae's Weigelt Blobs Originate circa 1941? — Bryan N. Dorland, Douglas G. Currie, and Arsen R. Hajian; **127**(2), 1052–1058

Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080

A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088

Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746

HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808

Deep Imaging Surveys of Star-forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816

On the Evolutionary State of the Components of the YLW 15 Binary System — J. M. Girart, S. Curiel, L. F. Rodríguez, M. Honda, J. Cantó, Y. K. Okamoto, and S. Sako; **127**(5), 2969–2977

An [S II] Survey of the Rosette Molecular Cloud — Jason E. Ybarra and Randy L. Phelps; **127**(6), 3444–3455

Internal Velocities in the Orion Nebula: Large Radial Velocity Features — Takao Doi, C. R. O'Dell, and Patrick Hartigan; **127**(6), 3456–3478

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

ISM: Kinematics and Dynamics

Interstellar Neutral Hydrogen Emission Profile Structure — Gerrit L. Verschuur; **127**(1), 394–407

The Three-dimensional Structure of HH 32 from GMOS IFU Spectroscopy — Tracy L. Beck, A. Riera, A. C. Raga, and C. Aspin; **127**(1), 408–419

A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088

The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153

Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381

Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162

Menzel 3: A Multipolar Nebula in the Making — Martín A. Guerrero, You-Hua Chu, and Luis F. Miranda; **128**(4), 1694–1704

Physical Structure of Planetary Nebulae. III. The Large and Evolved NGC 1360 — Daniel B. Goldman, Martín A. Guerrero, You-Hua Chu, and Robert A. Gruendl; **128**(4), 1711–1715

The Hot Interstellar Medium in M31 and M33 — J. B. Hutchings and K. Butler; **128**(5), 2234–2238

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

ISM: Lines and Bands

Hubble Space Telescope Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377

Does the 3.3 Micron Polycyclic Aromatic Hydrocarbon Emission Feature Require Ultraviolet Excitation? — Tracy L. Smith, Geoffrey C. Clayton, and Lynne Valencic; **128**(1), 357–362

ISM: Magnetic Fields

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

Outflows from Luminous Young Stellar Objects: An Infrared Polarimetric Study — Terry J. Jones, Charles E. Woodward, and Michael S. Kelley; **128**(5), 2448–2459

ISM: Masers

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

ISM: Molecules

^{13}CO, C^{18}O, and CS Observations toward Massive Dense Cores — Yiping Ao, Ji Yang, and Kazuyoshi Sunada; **128**(4), 1716–1732

A Near-Infrared/Millimeter-Wave Study of Six Fourth-Quadrant High-Mass Star Formation Regions — P. K. Sollins and S. T. Megeath; **128**(5), 2374–2387

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

ISM: Planetary Nebulae: General

NGC 6543. I. Understanding the Anatomy of the Cat's Eye — Bruce Balick; **127**(4), 2262–2268

Sulfur, Chlorine, and Argon Abundances in Planetary Nebulae. IV. Synthesis and the Sulfur Anomaly — R. B. C. Henry, K. B. Kwitter, and Bruce Balick; **127**(4), 2284–2302

PN G000.2+06.1 and PN G002.3+02.2: Two New Type I Planetary Nebulae in the Galactic Bulge — M. Manteiga, A. Manchado, P. García-Lario, and C. Pérez de los Heros; **127**(6), 3437–3443

Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596

Physical Structure of Planetary Nebulae. II. NGC 7662 — Martín A. Guerrero, Elizabeth G. Jaxon, and You-Hua Chu; **128**(4), 1705–1710

Physical Structure of Planetary Nebulae. III. The Large and Evolved NGC 1360 — Daniel B. Goldman, Martín A. Guerrero, You-Hua Chu, and Robert A. Gruendl; **128**(4), 1711–1715

The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106 — You-Hua Chu, Robert A. Gruendl, Rosa M. Williams, Theodore R. Gull, and Klaus Werner; **128**(5), 2357–2363

ISM: Planetary Nebulae: Individual

Menzel 3

Menzel 3: A Multipolar Nebula in the Making — Martín A. Guerrero, You-Hua Chu, and Luis F. Miranda; **128**(4), 1694–1704

NGC 1360

Physical Structure of Planetary Nebulae. III. The Large and Evolved NGC 1360 — Daniel B. Goldman, Martín A. Guerrero, You-Hua Chu, and Robert A. Gruendl; **128**(4), 1711–1715

NGC 6543

NGC 6543. I. Understanding the Anatomy of the Cat's Eye — Bruce Balick; **127**(4), 2262–2268

NGC 6543. II. Understanding the Dilation of the Cat's Eye — Bruce Balick and Arsen R. Hajian; **127**(4), 2269–2276

NGC 7293

Unraveling the Helix Nebula: Its Structure and Knots — C. R. O'Dell, Peter R. McCullough, and Margaret Meixner; **128**(5), 2339–2356

NGC 7662

Physical Structure of Planetary Nebulae. II. NGC 7662 — Martín A. Guerrero, Elizabeth G. Jaxon, and You-Hua Chu; **128**(4), 1705–1710

ISM: Reflection Nebulae

Does the 3.3 Micron Polycyclic Aromatic Hydrocarbon Emission Feature Require Ultraviolet Excitation? — Tracy L. Smith, Geoffrey C. Clayton, and Lynne Valencic; **128**(1), 357–362

ISM: Structure

A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367

The Ionized Gas in Local Starburst Galaxies: Global and Small-Scale Feedback from Star Formation — Daniela Calzetti, Jason Harris, John S. Gallagher III, Denise A. Smith, Christopher J. Conselice, Nicole Homeier, and Lisa Kewley; **127**(3), 1405–1430

Measuring the Slope of the Dust Extinction Law and the Power Spectrum of Dust Clouds Using Differentially Reddened Globular Clusters — J. Melbourne and P. Guhathakurta; **128**(1), 271–286

NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218

ISM: Supernova Remnants

An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130

A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367

Detection of Shocked Molecular Gas by Full-Extent Mapping of the Supernova Remnant W44 — Masumichi Seta, Tetsuo Hasegawa, Seiichi

Sakamoto, Tomoharu Oka, Tsuyoshi Sawada, Shu-ichiro Inutsuka, Hiroshi Koyama, and Masahiko Hayashi; **127**(2), 1098–1116

1420 and 408 MHz Continuum Observations of the IC 443/G189.6+3.3 Region — D. A. Leahy; **127**(4), 2277–2283

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

Addendum: 1420 and 408 MHz Continuum Observations of the IC 443/G189.6+3.3 Region [Astron. J. **127**, 2277 (2004)] — D. A. Leahy; **128**(3), 1478

Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596

FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49 — Ravi Sankrit, William P. Blair, and John C. Raymond; **128**(4), 1615–1622

X-Ray–Optical–Radio Observations of a Resolved Supernova Remnant in NGC 6822 — Albert K. H. Kong, Lorránt O. Sjouwerman, and Benjamin F. Williams; **128**(6), 2783–2788

Kuiper Belt

The Nucleus of Comet 48P/Johnson — David Jewitt and Scott Sheppard; **127**(3), 1784–1790

The Plane of the Kuiper Belt — Michael E. Brown and Margaret Pan; **127**(4), 2418–2423

Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435

Extreme Kuiper Belt Object 2001 QG_{298} and the Fraction of Contact Binaries — Scott S. Sheppard and David Jewitt; **127**(5), 3023–3033

Fast Accretion of Small Planetesimals by Protoplanetary Cores — R. R. Rafikov; **128**(3), 1348–1363

The Size Distribution of Trans-Neptunian Bodies — G. M. Bernstein, D. E. Trilling, R. L. Allen, M. E. Brown, M. Holman, and R. Malhotra; **128**(3), 1364–1390

The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926

The Orbit and Albedo of Trans-Neptunian Binary (58534) 1997 CQ_{29} — Keith S. Noll, Denise C. Stephens, Will M. Grundy, David J. Osip, and Ian Griffin; **128**(5), 2547–2552

Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576

Line: Formation

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916

Line: Identification

A Search for ^{6}Li in Lithium-poor Stars with Planets — Avi M. Mandell, Jian Ge, and Norm Murray; **127**(2), 1147–1157

Near-Infrared Spectroscopy of V1493 Aquilae and V4642 Sagittarii: Two Novae with Unusual Spectral Features — Catherine C. Venturini, Richard J. Rudy, David K. Lynch, S. Mazuk, and R. C. Puetter; **128**(1), 405–410

The Late Appearance of He I in V445 Puppis — David K. Lynch, Richard J. Rudy, S. Mazuk, Catherine C. Venturini, Richard C. Puetter, and R. Brad Perry; **128**(6), 2962–2964

Line: Profiles

Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180

Meteors, Meteoroids

2003 EH_1 Is the Quadrantid Shower Parent Comet — P. Jenniskens; **127**(5), 3018–3022

Methods: Analytical

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Methods: Data Analysis

Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645

Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727

The Second US Naval Observatory CCD Astrograph Catalog (UCAC2) — N. Zacharias, S. E. Urban, M. I. Zacharias, G. L. Wycoff, D. M. Hall, D. G. Monet, and T. J. Rafferty; **127**(5), 3043–3059

Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey — C.-W. Yip, A. J. Connolly, A. S. Szalay, T. Budavári, M. SubbaRao, J. A. Frieman, R. C. Nichol, A. M. Hopkins, D. G. York, S. Okamura, J. Brinkmann, I. Csabai, A. R. Thakar, M. Fukugita, and Ž. Ivezić; **128**(2), 585–609

Block Adjustment of a Group of Overlapping CCD Images — Y. Yu, Z.-H. Tang, J.-L. Li, G.-L. Wang, and M. Zhao; **128**(2), 911–919

Reclassification of ROTSE-I δ Scuti Stars with Multiband Photometry and Fourier Decomposition — H. Jin, S.-L. Kim, C.-U. Lee, D.-J. Lee, and K.-S. Kim; **128**(4), 1847–1856

Morphology of Galactic Open Clusters — W.-P. Chen, C.-W. Chen, and C. G. Shu; **128**(5), 2306–2315

The Digitized Second Palomar Observatory Sky Survey (DPOSS). III. Star-Galaxy Separation — S. C. Odewahn, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, R. Brunner, A. Mahabal, P. A. A. Lopes, J. L. Kohl Moreira, and B. Stalder; **128**(6), 3092–3107

Methods: Miscellaneous

Radio Frequency Interference Mitigation at the Westerbork Synthesis Radio Telescope: Algorithms, Test Observations, and System Implementation — W. A. Baan, P. A. Fridman, and R. P. Millenaar; **128**(2), 933–949

Methods: *N*-Body Simulations

Fast Force Algorithms and Solar System Integrations — Paul Wiegert, Douglas McNeil, Martin Duncan, and Hal Levison; **127**(2), 1218–1226

Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770

Efficient Orbit Integration by Linear Transformation for Consistency of Kepler Energy, Full Laplace Integral, and Angular Momentum Vector — Toshio Fukushima; **127**(6), 3638–3641

Simplification of a Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(2), 920–922

Further Simplification of the Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(3), 1446–1454

Efficient Orbit Integration by the Orbital Longitude Method Using Antifocal Anomaly — Toshio Fukushima; **128**(3), 1455–1464

Methods: Numerical

Dynamical Influences on the Orbits of Prometheus and Pandora — N. J. Cooper and C. D. Murray; **127**(2), 1204–1217

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

The Northern Sky Optical Cluster Survey. IV. An Intermediate-Redshift Galaxy Cluster Catalog and the Comparison of Two Detection Algorithms — P. A. A. Lopes, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, S. C. Odewahn, A. A. Mahabal, and R. J. Brunner; **128**(3), 1017–1045

Efficient Integration of Highly Eccentric Orbits by Scaling Methods Applied to Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3114–3122

Efficient Integration of Highly Eccentric Orbits by Quadruple Scaling for Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3108–3113

Methods: Observational

The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153

Methods: Statistical

Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645

Radio Frequency Interference Mitigation at the Westerbork Synthesis Radio Telescope: Algorithms, Test Observations, and System Implementation — W. A. Baan, P. A. Fridman, and R. P. Millenaar; **128**(2), 933–949

Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects — C.-W. Yip, A. J. Connolly, D. E. Vanden Berk, Z. Ma, J. A. Frieman, M. SubbaRao, A. S. Szalay, G. T. Richards, P. B. Hall, D. P. Schneider, A. M. Hopkins, J. Trump, and J. Brinkmann; **128**(6), 2603–2630

Minor Planets, Asteroids

Stability of Minor-Body Orbits in Systems with Two Giant Planets — Ian Lepage and Martin J. Duncan; **127**(3), 1755–1767

Direct Measurement of the Size of the Large Kuiper Belt Object (50000) Quaoar — Michael E. Brown and Chadwick A. Trujillo; **127**(4), 2413–2417

Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435

A Strategy for Finding Near-Earth Objects with the SDSS Telescope — Sean N. Raymond, Gajus Miknaitis, Oliver J. Fraser, Arti Garg, Suzanne L. Hawley, Robert Jedicke, Thomas Quinn, Constance M. Rockosi, Christopher W. Stubbs, Scott F. Anderson, Craig J. Hogan, Željko Ivezić, Robert H. Lupton, Andrew A. West, Howard Brewington, J. Brinkmann, Michael Harvanek, Scot J. Kleinman, Jurek Krzesiński, Dan Long, Eric H. Neilsen, Peter R. Newman, Atsuko Nitta, and Stephanie A. Snedden; **127**(5), 2978–2987

The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids — Henry H. Hsieh, David C. Jewitt, and Yanga R. Fernández; **127**(5), 2997–3017

2003 EH_1 Is the Quadrantid Shower Parent Comet — P. Jenniskens; **127**(5), 3018–3022

Extreme Kuiper Belt Object 2001 QG_{298} and the Fraction of Contact Binaries — Scott S. Sheppard and David Jewitt; **127**(5), 3023–3033

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

A Generalization of the Lagrangian Points: Studies of Resonance for Highly Eccentric Orbits — Margaret Pan and Re'em Sari; **128**(3), 1418–1429

The Orbit and Albedo of Trans-Neptunian Binary (58534) 1997 CQ_{29} — Keith S. Noll, Denise C. Stephens, Will M. Grundy, David J. Osip, and Ian Griffin; **128**(5), 2547–2552

Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576

Spectroscopy of X-Type Asteroids — B. E. Clark, S. J. Bus, A. S. Rivkin, M. K. Shepard, and S. Shah; **128**(6), 3070–3081

Oort Cloud

Sculpting the Kuiper Belt by a Stellar Encounter: Constraints from the Oort Cloud and Scattered Disk — Harold F. Levison, Alessandro Morbidelli, and Luke Dones; **128**(5), 2553–2563

Planets and Satellites: Formation

Collisional Origin of Families of Irregular Satellites — David Nesvorný, Cristian Beaugé, and Luke Dones; **127**(3), 1768–1783

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Excitation and Propagation of Eccentricity Disturbances in Planetary Systems — Nadia L. Zakamska and Scott Tremaine; **128**(2), 869–877

The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926

Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576

Planets and Satellites: General

The Orbits of the Major Saturnian Satellites and the Gravity Field of Saturn from Spacecraft and Earth-based Observations — Robert A. Jacobson; **128**(1), 492–501

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

The Orbits of the Inner Neptunian Satellites from *Voyager*, Earth-based, and *Hubble Space Telescope* Observations — R. A. Jacobson and W. M. Owen, Jr.; **128**(3), 1412–1417

On the Secular Behavior of Irregular Satellites — Matija Ćuk and Joseph A. Burns; **128**(5), 2518–2541

A Survey for Outer Satellites of Mars: Limits to Completeness — Scott S. Sheppard, David Jewitt, and Jan Kleyna; **128**(5), 2542–2546

Planets and Satellites: Individual

Enceladus

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Jupiter

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

Kiviuq

Chaos and the Effects of Planetary Migration on the Orbit of S/2000 S5 Kiviuq — V. Carruba, D. Nesvorný, J. A. Burns, M. Ćuk, and K. Tsiganis; **128**(4), 1899–1915

Mars

A Survey for Outer Satellites of Mars: Limits to Completeness — Scott S. Sheppard, David Jewitt, and Jan Kleyna; **128**(5), 2542–2546

Mimas

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

Neptune

Hubble Space Telescope Astrometric Observations and Orbital Mean Motion Corrections for the Inner Satellites of Neptune — Dan Pascu, James R. Rohde, P. Kenneth Seidelmann, Eddie N. Wells, John L. Hershey, Alex D. Storrs, Ben H. Zellner, Amanda S. Bosh, and Douglas G. Currie; **127**(5), 2988–2996

The Orbits of the Inner Neptunian Satellites from *Voyager*, Earth-based, and *Hubble Space Telescope* Observations — R. A. Jacobson and W. M. Owen, Jr.; **128**(3), 1412–1417

Tilting Saturn. I. Analytic Model — William R. Ward and Douglas P. Hamilton; **128**(5), 2501–2509

Tilting Saturn. II. Numerical Model — Douglas P. Hamilton and William R. Ward; **128**(5), 2510–2517

Pandora

Dynamical Influences on the Orbits of Prometheus and Pandora — N. J. Cooper and C. D. Murray; **127**(2), 1204–1217

Pasiphae

On the Secular Behavior of Irregular Satellites — Matija Ćuk and Joseph A. Burns; **128**(5), 2518–2541

Prometheus

Dynamical Influences on the Orbits of Prometheus and Pandora — N. J. Cooper and C. D. Murray; **127**(2), 1204–1217

Saturn

Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491

The Orbits of the Major Saturnian Satellites and the Gravity Field of Saturn from Spacecraft and Earth-based Observations — Robert A. Jacobson; **128**(1), 492–501

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

Tilting Saturn. I. Analytic Model — William R. Ward and Douglas P. Hamilton; **128**(5), 2501–2509

Tilting Saturn. II. Numerical Model — Douglas P. Hamilton and William R. Ward; **128**(5), 2510–2517

Siarnaq, Sinope, Stephano

On the Secular Behavior of Irregular Satellites — Matija Ćuk and Joseph A. Burns; **128**(5), 2518–2541

Polarization

Interstellar Polarization in M31 — Geoffrey C. Clayton, Michael J. Wolff, Karl D. Gordon, Paul S. Smith, Kenneth H. Nordsieck, and Brian L. Babler; **127**(6), 3382–3387

Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki; **128**(1), 109–114

OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki; **128**(5), 2066–2072

Radiation Mechanisms: General

A VLBI Study of Free-Free Absorbed Compact Radio Sources in the NGC 253 Starburst — S. J. Tingay; **127**(1), 10–16

Radiative Transfer

Combined BIMA and OVRO Observations of Comet C/1999 S4 (LINEAR) — Michiel R. Hogerheijde, Imke de Pater, Melvyn Wright, J. R. Forster, L. E. Snyder, A. Remijan, L. M. Woodney, M. F. A'Hearn, Patrick Palmer, Y.-J. Kuan, H.-C. Huang, Geoffrey A. Blake, Chunhua Qi, Jacqueline Kessler, and S.-Y. Liu; **127**(4), 2406–2412

Radio Continuum: Galaxies

Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52

VLBA Observations of $z > 4$ Radio-loud Quasars — Emmanuel Momjian, Andreea O. Petric, and Christopher L. Carilli; **127**(2), 587–591

Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

Radio Continuum Emission at 1.4 GHz from KISS Emission-Line Galaxies — Jeffrey Van Duyne, Eli Beckerman, John J. Salzer, Caryl Gronwall, Trinh X. Thuan, J. J. Condon, and Lisa M. Frattare; **127**(4), 1959–1976

The Variability of Sagittarius A* at Centimeter Wavelengths — Robeson M. Herrnstein, Jun-Hui Zhao, Geoffrey C. Bower, and W. M. Goss; **127**(6), 3399–3410

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

VLBA Astrometry of Compact Radio Sources in the *Spitzer* First-Look Survey — J. M. Wrobel, M. A. Garrett, J. J. Condon, and R. Morganti; **128**(1), 103–108

Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984

Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001

The VLA-COSMOS Survey. I. Radio Identifications from the Pilot Project — E. Schinnerer, C. L. Carilli, N. Z. Scoville, M. Bondi, P. Ciliegi, P. Vettolani, O. Le Fèvre, A. M. Koekemoer, F. Bertoldi, and C. D. Impey; **128**(5), 1974–1989

Radio Continuum Emission in Polar Ring Galaxies — A. L. Cox and L. S. Sparke; **128**(5), 2013–2021

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

Radio Continuum: General

MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557

High-Resolution, Wide-Field Imaging of the Galactic Center Region at 330 MHz — Michael E. Nord, T. Joseph W. Lazio, Namir E. Kassim, S. D. Hyman, T. N. LaRosa, C. L. Brogan, and N. Duric; **128**(4), 1646–1670

Radio Continuum: ISM

A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367

Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746

Compact Radio Sources in Orion: New Detections, Time Variability, and Objects in OMC-1S — Luis A. Zapata, Luis F. Rodríguez, Stanley E. Kurtz, and C. R. O'Dell; **127**(4), 2252–2261

The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703

Radio Continuum: Stars

The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855

A Very Large Array 3.6 Centimeter Continuum Survey of Galactic Wolf-Rayet Stars — C. Cappa, W. M. Goss, and K. A. van der Hucht; **127**(5), 2885–2897

Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828

Radio Lines: Galaxies

H I and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4 — H. Bravo-Alfaro, E. Brinks, A. J. Baker, F. Walter, and D. Kunth; **127**(1), 264–278

Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102

New Reference Galaxy Standards for H I Emission Observations — K. O'Neil; **128**(5), 2080–2097

Radio Lines: General

Spectra of Star Formation Regions at the 6.7 GHz Methanol Line — John Galt; **127**(6), 3479–3483

Radio Lines: ISM

A Near-Infrared/Millimeter-Wave Study of Six Fourth-Quadrant High-Mass Star Formation Regions — P. K. Sollins and S. T. Megeath; **128**(5), 2374–2387

Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941

Radio Lines: Solar System

Combined BIMA and OVRO Observations of Comet C/1999 S4 (LINEAR) — Michiel R. Hogerheijde, Imke de Pater, Melvyn Wright, J. R. Forster, L. E. Snyder, A. Remijan, L. M. Woodney, M. F. A'Hearn, Patrick Palmer, Y.-J. Kuan, H.-C. Huang, Geoffrey A. Blake, Chunhua Qi, Jacqueline Kessler, and S.-Y. Liu; **127**(4), 2406–2412

Radio Lines: Stars

2MASS Counterparts for OH/IR Stars. I. The Arecibo Sample — B. M. Lewis, D. A. Kopon, and Y. Terzian; **127**(1), 501–512

Reference Systems

A New Determination of Planetary Precession — Wataru Harada and Toshio Fukushima; **127**(1), 531–538

Analysis of Systematic Differences of Astrometric Catalogs in a Band — F. J. Marco, M. J. Martínez, and J. A. López; **127**(1), 549–559

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888

Block Adjustment of a Group of Overlapping CCD Images — Y. Yu, Z.-H. Tang, J.-L. Li, G.-L. Wang, and M. Zhao; **128**(2), 911–919

Precession of the Nonrigid Earth: Effect of the Fluid Outer Core — José M. Ferrándiz, Juan F. Navarro, Alberto Escapa, and Juan Getino; **128**(3), 1407–1411

VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

Scattering

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703

Shock Waves

A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088

FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49 — Ravi Sankrit, William P. Blair, and John C. Raymond; **128**(4), 1615–1622

Solar System: Formation

Collisional Cascades in Planetesimal Disks. II. Embedded Planets — Scott J. Kenyon and Benjamin C. Bromley; **127**(1), 513–530

On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932

Fast Accretion of Small Planetesimals by Protoplanetary Cores — R. R. Rafikov; **128**(3), 1348–1363

The Size Distribution of Trans-Neptunian Bodies — G. M. Bernstein, D. E. Trilling, R. L. Allen, M. E. Brown, M. Holman, and R. Malhotra; **128**(3), 1364–1390

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926

Tilting Saturn. I. Analytic Model — William R. Ward and Douglas P. Hamilton; **128**(5), 2501–2509

Tilting Saturn. II. Numerical Model — Douglas P. Hamilton and William R. Ward; **128**(5), 2510–2517

Sculpting the Kuiper Belt by a Stellar Encounter: Constraints from the Oort Cloud and Scattered Disk — Harold F. Levison, Alessandro Morbidelli, and Luke Dones; **128**(5), 2553–2563

Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576

Solar System: General

Dynamical Influences on the Orbits of Prometheus and Pandora — N. J. Cooper and C. D. Murray; **127**(2), 1204–1217

Fast Force Algorithms and Solar System Integrations — Paul Wiegert, Douglas McNeil, Martin Duncan, and Hal Levison; **127**(2), 1218–1226

The Plane of the Kuiper Belt — Michael E. Brown and Margaret Pan; **127**(4), 2418–2423

A Strategy for Finding Near-Earth Objects with the SDSS Telescope — Sean N. Raymond, Gajus Miknaitis, Oliver J. Fraser, Arti Garg, Suzanne L. Hawley, Robert Jedicke, Thomas Quinn, Constance M. Rockosi, Christopher W. Stubbs, Scott F. Anderson, Craig J. Hogan, Željko Ivezić, Robert H. Lupton, Andrew A. West, Howard Brewington, J. Brinkmann, Michael Harvanek, Scot J. Kleinman, Jurek Krzesiński, Dan Long, Eric H. Neilsen, Peter R. Newman, Atsuko Nitta, and Stephanie A. Snedden; **127**(5), 2978–2987

The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids — Henry H. Hsieh, David C. Jewitt, and Yanga R. Fernández; **127**(5), 2997–3017

Extreme Kuiper Belt Object 2001 QG_{298} and the Fraction of Contact Binaries — Scott S. Sheppard and David Jewitt; **127**(5), 3023–3033

The Orbits of the Major Saturnian Satellites and the Gravity Field of Saturn from Spacecraft and Earth-based Observations — Robert A. Jacobson; **128**(1), 492–501

Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888

On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932

Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406

The Orbits of the Inner Neptunian Satellites from *Voyager*, Earth-based, and *Hubble Space Telescope* Observations — R. A. Jacobson and W. M. Owen, Jr.; **128**(3), 1412–1417

A Generalization of the Lagrangian Points: Studies of Resonance for Highly Eccentric Orbits — Margaret Pan and Re'em Sari; **128**(3), 1418–1429

Tilting Saturn. I. Analytic Model — William R. Ward and Douglas P. Hamilton; **128**(5), 2501–2509

Tilting Saturn. II. Numerical Model — Douglas P. Hamilton and William R. Ward; **128**(5), 2510–2517

Sculpting the Kuiper Belt by a Stellar Encounter: Constraints from the Oort Cloud and Scattered Disk — Harold F. Levison, Alessandro Morbidelli, and Luke Dones; **128**(5), 2553–2563

Space Vehicles: General

Weak Lensing from Space. II. Dark Matter Mapping — Richard Massey, Jason Rhodes, Alexandre Refregier, Justin Albert, David Bacon, Gary Bernstein, Richard Ellis, Bhuvnesh Jain, Tim McKay, Saul Perlmutter, and Andy Taylor; **127**(6), 3089–3101

Stars: Abundances

Elemental Abundances of Three Red Giants in Terzan 7, a Globular Cluster Associated with the Sagittarius Galaxy — Gražina Tautvaišienė, George Wallerstein, Doug Geisler, Guillermo Gonzalez, and Corinne Charbonnel; **127**(1), 373–379

The Chemical Enrichment History of the Fornax Dwarf Spheroidal Galaxy from the Infrared Calcium Triplet — Frédéric Pont, Robert Zinn, Carme Gallart, Eduardo Hardy, and Rebeccah Winnick; **127**(2), 840–860

A Search for ^{6}Li in Lithium-poor Stars with Planets — Avi M. Mandell, Jian Ge, and Norm Murray; **127**(2), 1147–1157

Palomar 12 as a Part of the Sagittarius Stream: The Evidence from Abundance Ratios — Judith G. Cohen; **127**(3), 1545–1554

The Chemical Inhomogeneity of Faint M13 Stars: Carbon and Nitrogen Abundances — Michael M. Briley, Judith G. Cohen, and Peter B. Stetson; **127**(3), 1579–1587

On the Carbon and Nitrogen Abundances of 47 Tucanae's Main-Sequence Stars — Michael M. Briley, Daniel Harbeck, Graeme H. Smith, and Eva K. Grebel; **127**(3), 1588–1593

Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138

The Chemical Composition Contrast between M3 and M13 Revisited: New Abundances for 28 Giant Stars in M3 — Christopher Sneden, Robert P. Kraft, Puragra Guhathakurta, Ruth C. Peterson, and Jon P. Fulbright; **127**(4), 2162–2184

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

A Survey of Open Clusters in the *u'g'r'i'z'* Filter System. I. Results for NGC 2548 (M48) — Cristin J. Rider, Douglas L. Tucker, J. Allyn Smith, Chris Stoughton, Sahar S. Allam, and Eric H. Neilsen, Jr.; **127**(4), 2210–2227

First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A — Andreas Kaufer, Kim A. Venn, Eline Tolstoy, Christophe Pinte, and Rolf-Peter Kudritzki; **127**(5), 2723–2737

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

PN G000.2+06.1 and PN G002.3+02.2: Two New Type I Planetary Nebulae in the Galactic Bulge — M. Manteiga, A. Manchado, P. García-Lario, and C. Pérez de los Heros; **127**(6), 3437–3443

Phase-dependent Variation of the Fundamental Parameters of Cepheids. I. Periods from 6 to 10 Days — R. E. Luck and S. M. Andrievsky; **128**(1), 343–356

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401

Abundances of Extremely Metal-poor Star Candidates — David K. Lai, Michael Bolte, Jennifer A. Johnson, and Sara Lucatello; **128**(5), 2402–2419

Rotation and Lithium Surface Abundances, Revisited — Erika Böhm-Vitense; **128**(5), 2435–2442

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916

Stars: Activity

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

η Carinae's Brightness Variations since 1998: *Hubble Space Telescope* Observations of the Central Star — J. C. Martin, M. D. Koppelman, and the *HST* η Carinae Treasury Project Team; **127**(4), 2352–2361

Chandra X-Ray Observations of Young Clusters. I. NGC 2264 Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Thomas Hearty, Lynne Hillenbrand, Burton Jones, Russell Makidon, Steven Pravdo, Stephen Strom, and Michael Werner; **127**(5), 2659–2673

Searching for Planets in the Hyades. V. Limits on Planet Detection in the Presence of Stellar Activity — Diane B. Paulson, William D. Cochran, and Artie P. Hatzes; **127**(6), 3579–3586

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

Chandra X-Ray Observations of Young Clusters. II. Orion Flanking Fields Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Stephen Strom, Lynne Hillenbrand, Thomas Hearty, Eugene L. Kopan, Steven Pravdo, Russell Makidon, and Burton Jones; **128**(2), 787–804

Do We Know of Any Maunder Minimum Stars? — J. T. Wright; **128**(3), 1273–1278

Further Results of TiO-Band Observations of Starspots — Douglas O'Neal, James E. Neff, Steven H. Saar, and Manfred Cuntz; **128**(4), 1802–1811

Photospheric Activity among Stars in Old Open Clusters: NGC 7789 — M. N. Hayes-Gehrke, K. A. Janes, and K. M. Yoss; **128**(6), 2862–2880

Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916

Stars: AGB and Post-AGB

2MASS Counterparts for OH/IR Stars. I. The Arecibo Sample — B. M. Lewis, D. A. Kopon, and Y. Terzian; **127**(1), 501–512

NGC 6543. I. Understanding the Anatomy of the Cat's Eye — Bruce Balick; **127**(4), 2262–2268

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Identifying Red Variables in the Northern Sky Variability Survey — P. R. Woźniak, S. J. Williams, W. T. Vestrand, and V. Gupta; **128**(6), 2965–2976

Stars: Atmospheres

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

ATLAS versus NextGen Model Atmospheres: A Combined Analysis of Synthetic Spectral Energy Distributions — E. Bertone, A. Buzzoni, M. Chávez, and L. H. Rodríguez-Merino; **128**(2), 829–841

Further Results of TiO-Band Observations of Starspots — Douglas O'Neal, James E. Neff, Steven H. Saar, and Manfred Cuntz; **128**(4), 1802–1811

Stars: Binaries: Close

The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488

Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500

Radial Velocity Studies of Close Binary Stars. IX. — Wojtek Pych, Slavek M. Rucinski, Heide DeBond, J. R. Thomson, Christopher C. Capobianco, R. Melvin Blake, Waldemar Ogłoza, Greg Stachowski, Piotr Rogoziecki, Piotr Ligęza, and Kosmas Gazeas; **127**(3), 1712–1719

A Near-Infrared Multiplicity Survey of Class I/Flat-Spectrum Systems in Six Nearby Molecular Clouds — Karl E. Haisch, Jr., Thomas P. Greene, Mary Barsony, and Steven W. Stahler; **127**(3), 1747–1754

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R.

Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

Orbital Solutions and Absolute Elements of the Eclipsing Binary AY Camelopardalis — Richard M. Williamon, James R. Sowell, and Walter Van Hamme; **128**(3), 1319–1323

The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747

Detecting Outflows from Cataclysmic Variables in the Optical — S. Kafka and R. K. Honeycutt; **128**(5), 2420–2429

GR Virginis: A Deep Overcontact Binary — S.-B. Qian and Y.-G. Yang; **128**(5), 2430–2434

The Physical Nature and Orbital Behavior of V523 Cassiopeiae — Ronald G. Samec, Danny R. Faulkner, and David B. Williams; **128**(6), 2997–3004

Stars: Binaries: Eclipsing

Searching for Variability in the Globular Cluster Messier 4 — Robert D. Ferdman, Harvey B. Richer, James Brewer, Greg G. Fahlman, Brad K. Gibson, Brad M. S. Hansen, Mark E. Huber, Rodrigo A. Ibata, Jasonjot S. Kalirai, Jaymie M. Matthews, R. Michael Rich, Jason F. Rowe, Michael M. Shara, and Peter B. Stetson; **127**(1), 380–393

WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631

Radial Velocity Studies of Close Binary Stars. IX. — Wojtek Pych, Slavek M. Rucinski, Heide DeBond, J. R. Thomson, Christopher C. Capobianco, R. Melvin Blake, Waldemar Ogłoza, Greg Stachowski, Piotr Rogoziecki, Piotr Ligęza, and Kosmas Gazeas; **127**(3), 1712–1719

Planets in Stellar Clusters Extensive Search. II. Discovery of 57 Variables in the Cluster NGC 2158 with Millimagnitude Image Subtraction Photometry — B. J. Mochejska, K. Z. Stanek, D. D. Sasselov, A. H. Szentgyorgyi, M. Westover, and J. N. Winn; **128**(1), 312–322

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

The Chromospherically Active Contact Binary CE Leonis — Young Woon Kang, Hee-Won Lee, Kyeong Soo Hong, Chun-Hwey Kim, and Edward F. Guinan; **128**(2), 846–857

Orbital Solutions and Absolute Elements of the Eclipsing Binary AY Camelopardalis — Richard M. Williamon, James R. Sowell, and Walter Van Hamme; **128**(3), 1319–1323

Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330

Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846

Reclassification of ROTSE-I δ Scuti Stars with Multiband Photometry and Fourier Decomposition — H. Jin, S.-L. Kim, C.-U. Lee, D.-J. Lee, and K.-S. Kim; **128**(4), 1847–1856

Cataclysmic Variables from the Sloan Digital Sky Survey. III. The Third Year — Paula Szkody, Arne Henden, Oliver Fraser, Nicole Silvestri, John Bochanski, Michael A. Wolfe, Marcel Agüeros, Brian Warner, Patrick Woudt, Jonica Tramposch, Lee Homer, Gary Schmidt, Gillian R. Knapp, Scott F. Anderson, Kevin Covey, Hugh Harris, Suzanne Hawley, Donald P. Schneider, Wolfgang Voges, and J. Brinkmann; **128**(4), 1882–1893

GR Virginis: A Deep Overcontact Binary — S.-B. Qian and Y.-G. Yang; **128**(5), 2430–2434

Hubble Space Telescope NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

The Physical Nature and Orbital Behavior of V523 Cassiopeiae — Ronald G. Samec, Danny R. Faulkner, and David B. Williams; **128**(6), 2997–3004

Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011

Stars: Binaries: General

A Subarcsecond Companion to the T Tauri Star AS 353B — A. T. Tokunaga, Bo Reipurth, W. Gässler, Yutaka Hayano, Masahiko Hayashi, Masanori Iye, Tomio Kanzawa, Naoto Kobayashi, Yukiko Kamata, Yosuke Minowa, Ko Nedachi, Shin Oya, Tae-soo Pyo, D. Saint-Jacques, Hiroshi Terada, Hideki Takami, and Naruhisa Takato; **127**(1), 444–448

On the Formation of Brown Dwarfs — Ing-Guey Jiang, G. Laughlin, and D. N. C. Lin; **127**(1), 455–459

Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480

The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488

Speckle Interferometry at the US Naval Observatory. IX. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Dan Pascu, Sean E. Urban, David M. Hall, Greg S. Hennessy, Theodore J. Rafferty, Laura Flagg, Dean Kang, Paul Ries, and Ellis Holdenried; **127**(1), 539–548

WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631

Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746

The Brown Dwarf Desert at 75–1200 AU — C. McCarthy and B. Zuckerman; **127**(5), 2871–2884

New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828

A Possible Brown Dwarf Companion to the White Dwarf GD 1400 — J. Farihi and M. Christopher; **128**(4), 1868–1871

Speckle Interferometry at the US Naval Observatory. X. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Theodore J. Rafferty, Sean E. Urban, and Laura Flagg; **128**(6), 3012–3018

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

Stars: Binaries: Spectroscopic

A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

Chromospherically Active Stars. XXII. HD 18955, a Massive K Dwarf Binary — Francis C. Fekel, Gregory W. Henry, and Frank M. Alston; **127**(4), 2303–2309

Hubble Space Telescope Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377

Chromospherically Active Stars. XXIII. The Triple System HD 7205 = QU Andromedae — Francis C. Fekel; **127**(5), 2931–2935

Spectroscopic and Photometric Analysis of HS 1136+6646: A Hot Young DAO + K7 V Post–Common-Envelope, Pre–Cataclysmic Variable Binary — D. K. Sing, J. B. Holberg, M. R. Burleigh, S. A. Good, M. A. Barstow, T. D. Oswalt, S. B. Howell, C. S. Brinkworth, M. Rudkin, K. Johnston, and S. Rafferty; **127**(5), 2936–2947

KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272

Orbital Solutions and Absolute Elements of the Eclipsing Binary AY Camelopardalis — Richard M. Williamon, James R. Sowell, and Walter Van Hamme; **128**(3), 1319–1323

Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330

Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347

Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846

Cataclysmic Variables from the Sloan Digital Sky Survey. III. The Third Year — Paula Szkody, Arne Henden, Oliver Fraser, Nicole Silvestri, John Bochanski, Michael A. Wolfe, Marcel Agüeros, Brian Warner, Patrick Woudt, Jonica Tramposch, Lee Homer, Gary Schmidt, Gillian R. Knapp, Scott F. Anderson, Kevin Covey, Hugh Harris, Suzanne Hawley, Donald P. Schneider, Wolfgang Voges, and J. Brinkmann; **128**(4), 1882–1893

Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011

Stars: Binaries: Symbiotic

Synthetic Spectral Analysis of the Hot Component in the S-Type Symbiotic Variable EG Andromedae — Kelly Kolb, Joleen Miller, Edward M. Sion, and Joanna Mikolajewska; **128**(4), 1790–1794

Spectral and Luminosity Classification of Symbiotic Star Cool Components with Near-Infrared Photometry — Charles D. Keyes and Brandon Preblich; **128**(6), 2981–2987

Stars: Binaries: Visual

Speckle Interferometry at the US Naval Observatory. IX. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Dan Pascu, Sean E. Urban, David M. Hall, Greg S. Hennessy, Theodore J. Rafferty, Laura Flagg, Dean Kang, Paul Ries, and Ellis Holdenried; **127**(1), 539–548

Binary Star Speckle Interferometry: Measurements and Orbits — J. A. Docobo, M. Andrade, J. F. Ling, C. Prieto, V. S. Tamazian, Yu. Yu. Balega, J. Blanco, A. F. Maximov, J. F. Lahulla, and C. Alvarez; **127**(2), 1181–1186

Speckle Observations of Binary Stars with the WIYN Telescope. IV. Differential Photometry — Elliott P. Horch, Reed D. Meyer, and William F. van Altena; **127**(3), 1727–1735

Orbit of T Tau Ba-Bb and Mass Estimate for Its Infrared Companion — Vakhtang S. Tamazian; **127**(4), 2378–2381

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

Speckle Interferometry at the US Naval Observatory. X. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Theodore J. Rafferty, Sean E. Urban, and Laura Flagg; **128**(6), 3012–3018

Stars: Blue Stragglers

SX Phoenicis Stars in the Globular Cluster NGC 5466 — Young-Beom Jeon, Myung Gyoon Lee, Seung-Lee Kim, and Ho Lee; **128**(1), 287–299

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033

Stars: Carbon

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: An Initial Catalog — Ronald A. Downes, Bruce Margon, Scott F. Anderson, Hugh C. Harris, G. R. Knapp, Josh Schroeder, Donald P. Schneider, Donald G. York, Jeffrey R. Pier, and J. Brinkmann; **127**(5), 2838–2849

Stars: Chromospheres

Spectroscopic Identification of DENIS-selected Brown Dwarf Candidates in the Upper Scorpius OB Association — Eduardo L. Martín, Xavier Delfosse, and Sylvain Guieu; **127**(1), 449–454

The Chromospherically Active Contact Binary CE Leonis — Young Woon Kang, Hee-Won Lee, Kyeong Soo Hong, Chun-Hwey Kim, and Edward F. Guinan; **128**(2), 846–857

Do We Know of Any Maunder Minimum Stars? — J. T. Wright; **128**(3), 1273–1278

Stars: Circumstellar Matter

Collisional Cascades in Planetesimal Disks. II. Embedded Planets — Scott J. Kenyon and Benjamin C. Bromley; **127**(1), 513–530

A Search for Warm Circumstellar Disks in the TW Hydrae Association — A. J. Weinberger, E. E. Becklin, B. Zuckerman, and I. Song; **127**(4), 2246–2251

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351

Hubble Space Telescope Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Deep 3.8 Micron Observations of the Trapezium Cluster — Charles J. Lada, August A. Muench, Elizabeth A. Lada, and João F. Alves; **128**(3), 1254–1264

KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272

The Mass Accretion Rates of Intermediate-Mass T Tauri Stars — Nuria Calvet, James Muzerolle, César Briceño, Jesús Hernández, Lee Hartmann, José Luis Saucedo, and Karl D. Gordon; **128**(3), 1294–1318

The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926

Near-Infrared Observations of KH 15D through the 2003 February Eclipse — Roger Knacke, Sergio Fajardo-Acosta, and A. T. Tokunaga; **128**(6), 2977–2980

Stars: Color-Magnitude Diagrams

CCD Photometry of the Globular Cluster ω Centauri. II. Stellar Populations and Age-Metallicity Relation — Soo-Chang Rey, Young-Wook Lee, Chang H. Ree, Jong-Myung Joo, Young-Jong Sohn, and Alistair R. Walker; **127**(2), 958–979

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968

IAC-STAR: A Code for Synthetic Color-Magnitude Diagram Computation — Antonio Aparicio and Carme Gallart; **128**(3), 1465–1477

Stars: Coronae

Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480

Stars: Distances

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968

The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447

The Solar Neighborhood. X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs — Todd J. Henry, John P. Subasavage, Misty A. Brown, Thomas D. Beaulieu, Wei-Chun Jao, and Nigel C. Hambly; **128**(5), 2460–2473

Stars: Dwarf Novae

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

Cataclysmic Variables from the Sloan Digital Sky Survey. III. The Third Year — Paula Szkody, Arne Henden, Oliver Fraser, Nicole Silvestri, John Bochanski, Michael A. Wolfe, Marcel Agüeros, Brian Warner, Patrick Woudt, Jonica Tramposch, Lee Homer, Gary Schmidt, Gillian R. Knapp, Scott F. Anderson, Kevin Covey, Hugh Harris, Suzanne Hawley, Donald P. Schneider, Wolfgang Voges, and J. Brinkmann; **128**(4), 1882–1893

The Luminous Erupting Dwarf Nova CV 1 in the Dense Globular Cluster M15 — Michael M. Shara, Sasha Hinkley, David R. Zurek, Christian Knigge, and Howard E. Bond; **128**(6), 2847–2853

Stars: Early-Type

Mapping the Inner Halo of the Galaxy with 2MASS-selected Horizontal-Branch Candidates — Warren R. Brown, Margaret J. Geller, Scott J. Kenyon, Timothy C. Beers, Michael J. Kurtz, and John B. Roll; **127**(3), 1555–1566

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

Spectral Types of Field and Cluster O-Type Stars — Sidney van den Bergh; **128**(4), 1880–1881

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Hubble Space Telescope NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861

Stars: Emission-Line, Be

Hα Emission-Line Stars in Molecular Clouds. I. The NGC 2264 Region — Bo Reipurth, Bertil Pettersson, Tina Armond, John Bally, and Luiz Paulo R. Vaz; **127**(2), 1117–1130

Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180

The Circumstellar Envelope of ζ Tauri through Optical Interferometry — Christopher Tycner, Arsen R. Hajian, J. T. Armstrong, J. A. Benson, G. C. Gilbreath, D. J. Hutter, John B. Lester, D. Mozurkewich, and T. A. Pauls; **127**(2), 1194–1203

Spectral Analysis and Classification of Herbig Ae/Be Stars — Jesús Hernández, Nuria Calvet, César Briceño, Lee Hartmann, and Perry Berlind; **127**(3), 1682–1701

Multiperiodic Variability in Magellanic Cloud Be/X-Ray Binaries — P. C. Schmidtke, A. P. Cowley, Lance Levenson, and Katie Sweet; **127**(6), 3388–3393

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Stars: Evolution

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

uvbyCaHβ CCD Photometry of Clusters. IV. Solving the Riddle of NGC 3680 — Barbara J. Anthony-Twarog and Bruce A. Twarog; **127**(2), 1000–1013

A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193

The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530

The Chemical Inhomogeneity of Faint M13 Stars: Carbon and Nitrogen Abundances — Michael M. Briley, Judith G. Cohen, and Peter B. Stetson; **127**(3), 1579–1587

On the Carbon and Nitrogen Abundances of 47 Tucanae's Main-Sequence Stars — Michael M. Briley, Daniel Harbeck, Graeme H. Smith, and Eva K. Grebel; **127**(3), 1588–1593

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

Sulfur, Chlorine, and Argon Abundances in Planetary Nebulae. IV. Synthesis and the Sulfur Anomaly — R. B. C. Henry, K. B. Kwitter, and Bruce Balick; **127**(4), 2284–2302

The Metallicity Dependence of the Fourier Components of RR Lyrae Light Curves Is the Oosterhoff-Arp-Preston Period Ratio Effect in Disguise — Allan Sandage; **128**(2), 858–868

Do We Know of Any Maunder Minimum Stars? — J. T. Wright; **128**(3), 1273–1278

Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330

Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347

Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605

Photometric Identification of Cool White Dwarfs — M. Kılıç, D. E. Winget, Ted von Hippel, and C. F. Claver; **128**(4), 1825–1833

Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846

GR Virginis: A Deep Overcontact Binary — S.-B. Qian and Y.-G. Yang; **128**(5), 2430–2434

Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011

Stars: Formation

Herbig-Haro Flows in Ophiuchus — Randy L. Phelps and Mary Barsony; **127**(1), 420–443

A Subarcsecond Companion to the T Tauri Star AS 353B — A. T. Tokunaga, Bo Reipurth, W. Gässler, Yutaka Hayano, Masahiko Hayashi, Masanori Iye, Tomio Kanzawa, Naoto Kobayashi, Yukiko Kamata, Yosuke Minowa, Ko Nedachi, Shin Oya, Tae-soo Pyo, D. Saint-Jacques, Hiroshi Terada, Hideki Takami, and Naruhisa Takato; **127**(1), 444–448

On the Formation of Brown Dwarfs — Ing-Guey Jiang, G. Laughlin, and D. N. C. Lin; **127**(1), 455–459

Collisional Cascades in Planetesimal Disks. II. Embedded Planets — Scott J. Kenyon and Benjamin C. Bromley; **127**(1), 513–530

Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080

Hα Emission-Line Stars in Molecular Clouds. I. The NGC 2264 Region — Bo Reipurth, Bertil Pettersson, Tina Armond, John Bally, and Luiz Paulo R. Vaz; **127**(2), 1117–1130

Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440

The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746

A Near-Infrared Multiplicity Survey of Class I/Flat-Spectrum Systems in Six Nearby Molecular Clouds — Karl E. Haisch, Jr., Thomas P. Greene, Mary Barsony, and Steven W. Stahler; **127**(3), 1747–1754

Compact Radio Sources in Orion: New Detections, Time Variability, and Objects in OMC-1S — Luis A. Zapata, Luis F. Rodríguez, Stanley E. Kurtz, and C. R. O'Dell; **127**(4), 2252–2261

HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808

Deep Imaging Surveys of Star-forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816

The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

On the Evolutionary State of the Components of the YLW 15 Binary System — J. M. Girart, S. Curiel, L. F. Rodríguez, M. Honda, J. Cantó, Y. K. Okamoto, and S. Sako; **127**(5), 2969–2977

An [S II] Survey of the Rosette Molecular Cloud — Jason E. Ybarra and Randy L. Phelps; **127**(6), 3444–3455

Spectra of Star Formation Regions at the 6.7 GHz Methanol Line — John Galt; **127**(6), 3479–3483

A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374

Velocity Dispersion of Dissolving OB Associations Affected by External Pressure of the Formation Environment — Hideyuki Kamaya; **128**(2), 761–764

Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

The Mass Accretion Rates of Intermediate-Mass T Tauri Stars — Nuria Calvet, James Muzerolle, César Briceño, Jesús Hernández, Lee Hartmann, José Luis Saucedo, and Karl D. Gordon; **128**(3), 1294–1318

IAC-STAR: A Code for Synthetic Color-Magnitude Diagram Computation — Antonio Aparicio and Carme Gallart; **128**(3), 1465–1477

^{13}CO, C^{18}O, and CS Observations toward Massive Dense Cores — Yiping Ao, Ji Yang, and Kazuyoshi Sunada; **128**(4), 1716–1732

Star Formation Properties of a Large Sample of Irregular Galaxies — Deidre A. Hunter and Bruce G. Elmegreen; **128**(5), 2170–2205

Australia Telescope Compact Array Survey of Candidate Ultracompact and Buried H II Regions in the Magellanic Clouds — Rémy Indebetouw, Kelsey E. Johnson, and Peter Conti; **128**(5), 2206–2233

Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330

A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373

A Near-Infrared/Millimeter-Wave Study of Six Fourth-Quadrant High-Mass Star Formation Regions — P. K. Sollins and S. T. Megeath; **128**(5), 2374–2387

A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953

Stars: Fundamental Parameters

An Astrometric Calibration of the M_V-P_{orb} Relationship for Cataclysmic Variables Based on *Hubble Space Telescope* Fine Guidance Sensor Parallaxes — Thomas E. Harrison, Joni J. Johnson, B. E. McArthur, G. F. Benedict, Paula Szkody, Steve B. Howell, and Dawn M. Gelino; **127**(1), 460–468

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245 — Christopher J. Burke, B. Scott Gaudi, D. L. DePoy, Richard W. Pogge, and Marc H. Pinsonneault; **127**(4), 2382–2397

The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries — Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Kelle L. Cruz, Chris G. Tinney, and I. Neill Reid; **127**(5), 2856–2870

Barnard's Star and the M Dwarf Temperature Scale — P. C. Dawson and M. M. De Robertis; **127**(5), 2909–2914

New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930

Hubble Space Telescope Absolute Spectrophotometry of Vega from the Far-Ultraviolet to the Infrared — R. C. Bohlin and R. L. Gilliland; **127**(6), 3508–3515

L' and M' Photometry of Ultracool Dwarfs — D. A. Golimowski, S. K. Leggett, M. S. Marley, X. Fan, T. R. Geballe, G. R. Knapp, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, W. Zheng, Z. I. Tsvetanov, K. Chiu, K. Glazebrook, E. A. Hoversten, D. P. Schneider, and J. Brinkmann; **127**(6), 3516–3536

Near-Infrared Photometry and Spectroscopy of L and T Dwarfs: The Effects of Temperature, Clouds, and Gravity — G. R. Knapp, S. K. Leggett, X. Fan, M. S. Marley, T. R. Geballe, D. A. Golimowski, D. Finkbeiner, J. E. Gunn, J. Hennawi, Ž. Ivezić, R. H. Lupton, D. J. Schlegel, M. A. Strauss, Z. I. Tsvetanov, K. Chiu, E. A. Hoversten, K. Glazebrook, W. Zheng, M. Hendrickson, C. C. Williams, A. Uomoto, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, Donald P. Schneider, and J. Brinkmann; **127**(6), 3553–3578

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

ATLAS versus NextGen Model Atmospheres: A Combined Analysis of Synthetic Spectral Energy Distributions — E. Bertone, A. Buzzoni, M. Chávez, and L. H. Rodríguez-Merino; **128**(2), 829–841

Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330

Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347

Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846

Detecting Outflows from Cataclysmic Variables in the Optical — S. Kafka and R. K. Honeycutt; **128**(5), 2420–2429

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

Spectral and Luminosity Classification of Symbiotic Star Cool Components with Near-Infrared Photometry — Charles D. Keyes and Brandon Preblich; **128**(6), 2981–2987

Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011

Absolute Flux Distribution of the SDSS Standard BD +17°4708 — R. C. Bohlin and R. L. Gilliland; **128**(6), 3053–3060

Stars: General

Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256

Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson,

S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

Stars: Hertzsprung-Russell Diagram

WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999

Spectral Analysis and Classification of Herbig Ae/Be Stars — Jesús Hernández, Nuria Calvet, César Briceño, Lee Hartmann, and Perry Berlind; **127**(3), 1682–1701

A Survey of Open Clusters in the $u'g'r'i'z'$ Filter System. I. Results for NGC 2548 (M48) — Cristin J. Rider, Douglas L. Tucker, J. Allyn Smith, Chris Stoughton, Sahar S. Allam, and Eric H. Neilsen, Jr.; **127**(4), 2210–2227

Planets in Stellar Clusters Extensive Search. II. Discovery of 57 Variables in the Cluster NGC 2158 with Millimagnitude Image Subtraction Photometry — B. J. Mochejska, K. Z. Stanek, D. D. Sasselov, A. H. Szentgyorgyi, M. Westover, and J. N. Winn; **128**(1), 312–322

IAC-STAR: A Code for Synthetic Color-Magnitude Diagram Computation — Antonio Aparicio and Carme Gallart; **128**(3), 1465–1477

Stars: Horizontal-Branch

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. I. Sample Selection and Structure in the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 899–913

Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. II. Kinematics of the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 914–924

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

The Metallicity Dependence of the Fourier Components of RR Lyrae Light Curves Is the Oosterhoff-Arp-Preston Period Ratio Effect in Disguise — Allan Sandage; **128**(2), 858–868

The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500

Stars: Imaging

Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330

Stars: Individual

EG Andromedae

Synthetic Spectral Analysis of the Hot Component in the S-Type Symbiotic Variable EG Andromedae — Kelly Kolb, Joleen Miller, Edward M. Sion, and Joanna Mikołajewska; **128**(4), 1790–1794

CI Aquilae

Time Development of Recurrent Nova CI Aquilae's 2000 Outburst between 0.8 and 2.5 Microns — David K. Lynch, J. C. Wilson, Richard J. Rudy, Catherine Venturini, Stephan Mazuk, Neal A. Miller, and Richard C. Puetter; **127**(2), 1089–1097

XY Arietis

An Observation of the Intermediate Polar XY Arietis with *Chandra* — A. Salinas and E. M. Schlegel; **128**(3), 1331–1339

SU Aurigae

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

Barnard's Star

Barnard's Star and the M Dwarf Temperature Scale — P. C. Dawson and M. M. De Robertis; **127**(5), 2909–2914

BD +17°4708

Absolute Flux Distribution of the SDSS Standard BD +17°4708 — R. C. Bohlin and R. L. Gilliland; **128**(6), 3053–3060

CAL 83

A Revised Ephemeris and *FUSE* Observations of the Supersoft X-Ray Source CAL 83 — P. C. Schmidtke, A. P. Cowley, J. B. Hutchings, K. Winter, and D. Crampton; **127**(1), 469–476

η Carinae

Did η Carinae's Weigelt Blobs Originate circa 1941? — Bryan N. Dorland, Douglas G. Currie, and Arsen R. Hajian; **127**(2), 1052–1058

η Carinae's Brightness Variations since 1998: *Hubble Space Telescope* Observations of the Central Star — J. C. Martin, M. D. Koppelman, and the *HST* η Carinae Treasury Project Team; **127**(4), 2352–2361

QU Carinae

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

MU Cassiopeiae

Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846

V396 Cassiopeiae

Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011

V459 Cassiopeiae

Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347

V523 Cassiopeiae

The Physical Nature and Orbital Behavior of V523 Cassiopeiae — Ronald G. Samec, Danny R. Faulkner, and David B. Williams; **128**(6), 2997–3004

V592 Cassiopeiae

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

TV Columbae

Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500

EY Cygni

Composite Accretion Disk and White Dwarf Photosphere Analyses of the *FUSE* and *Hubble Space Telescope* Observations of EY Cygni — Edward M. Sion, Lisa Winter, Joel A. Urban, Gaghik H. Tovmassian, Sergei Zharikov, Boris T. Gänsicke, and M. Orio; **128**(4), 1795–1801

V885 Cygni

Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330

G239-25AB

The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747

GD 1400

A Possible Brown Dwarf Companion to the White Dwarf GD 1400 — J. Farihi and M. Christopher; **128**(4), 1868–1871

GJ 54AB, 84AB, 1001ABC

The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747

GS 2000+25

The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488

HD 34700

A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193

HD 44179

Hubble Space Telescope Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377

HD 128718, HD 209103

Binary Star Speckle Interferometry: Measurements and Orbits — J. A. Docobo, M. Andrade, J. F. Ling, C. Prieto, V. S. Tamazian, Yu. Yu. Balega, J. Blanco, A. F. Maximov, J. F. Lahulla, and C. Alvarez; **127**(2), 1181–1186

EX Hydrae

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

IRAS 05436−0007

See Stars: Individual: V1647 Orionis

KH 15D

The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351

KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272

Near-Infrared Observations of KH 15D through the 2003 February Eclipse — Roger Knacke, Sergio Fajardo-Acosta, and A. T. Tokunaga; **128**(6), 2977–2980

KPD 0005+5106

The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106 — You-Hua Chu, Robert A. Gruendl, Rosa M. Williams, Theodore R. Gull, and Klaus Werner; **128**(5), 2357–2363

Dl Lacertae

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

CE Leonis

The Chromospherically Active Contact Binary CE Leonis — Young Woon Kang, Hee-Won Lee, Kyeong Soo Hong, Chun-Hwey Kim, and Edward F. Guinan; **128**(2), 846–857

LHS 224AB

The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747

LkHα 101

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

V2051 Ophiuchi

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

V1647 Orionis

V1647 Orionis (IRAS 05436−0007) in Outburst: The First Three Months — Frederick M. Walter, Guy S. Stringfellow, William H. Sherry, and Angeliki Field-Pollatou; **128**(4), 1872–1879

TZ Persei, V3885 Sagittarii

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Ho!berg, and Peter T. Williams; **128**(1), 448–462

SDSS J132411.57+032050.5, SDSSp J155331.12+551614.5

XMM-Newton Observations of the Extremely Low Accretion Rate Polars SDSS J155331.12+551614.5 and SDSS J132411.57+032050.5 — Paula Szkody, Lee Homer, Bing Chen, Arne Henden, Gary D. Schmidt, Scott F. Anderson, D. W. Hoard, Wolfgang Voges, and J. Brinkmann; **128**(5), 2443–2447

SMC X-3

The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711

ζ Tauri

The Circumstellar Envelope of ζ Tauri through Optical Interferometry — Christopher Tycner, Arsen R. Hajian, J. T. Armstrong, J. A. Benson, G. C. Gilbreath, D. J. Hutter, John B. Lester, D. Mozurkewich, and T. A. Pauls; **127**(2), 1194–1203

T Tauri

Orbit of T Tau Ba-Bb and Mass Estimate for Its Infrared Companion — Vakhtang S. Tamazian; **127**(4), 2378–2381

Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828

AR Ursae Majoris

The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898

Vega

Hubble Space Telescope Absolute Spectrophotometry of Vega from the Far-Ultraviolet to the Infrared — R. C. Bohlin and R. L. Gilliland; **127**(6), 3508–3515

IX Velorum

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

GR Virginis

GR Virginis: A Deep Overcontact Binary — S.-B. Qian and Y.-G. Yang; **128**(5), 2430–2434

YLW 15, YLW 16A

On the Evolutionary State of the Components of the YLW 15 Binary System — J. M. Girart, S. Curiel, L. F. Rodríguez, M. Honda, J. Cantó, Y. K. Okamoto, and S. Sako; **127**(5), 2969–2977

Stars: Kinematics

Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138

The Second US Naval Observatory CCD Astrograph Catalog (UCAC2) — N. Zacharias, S. E. Urban, M. I. Zacharias, G. L. Wycoff, D. M. Hall, D. G. Monet, and T. J. Rafferty; **127**(5), 3043–3059

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195

Stars: Late-Type

Elemental Abundances of Three Red Giants in Terzan 7, a Globular Cluster Associated with the Sagittarius Galaxy — Gražina Tautvaišienė, George Wallerstein, Doug Geisler, Guillermo Gonzalez, and Corinne Charbonnel; **127**(1), 373–379

Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480

Periodic Variability of Pre–Main-Sequence Stars in the NGC 2264 OB Association — Russell B. Makidon, Luisa M. Rebull, Stephen E. Strom, Mark T. Adams, and Brian M. Patten; **127**(4), 2228–2245

A Search for Warm Circumstellar Disks in the TW Hydrae Association — A. J. Weinberger, E. E. Becklin, B. Zuckerman, and I. Song; **127**(4), 2246–2251

Barnard's Star and the M Dwarf Temperature Scale — P. C. Dawson and M. M. De Robertis; **127**(5), 2909–2914

New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930

Chromospherically Active Stars. XXIII. The Triple System HD 7205 = QU Andromedae — Francis C. Fekel; **127**(5), 2931–2935

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

L' and *M* Photometry of Ultracool Dwarfs — D. A. Golimowski, S. K. Leggett, M. S. Marley, X. Fan, T. R. Geballe, G. R. Knapp, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, W. Zheng, Z. I. Tsvetanov, K. Chiu, K. Glazebrook, E. A. Hoversten, D. P. Schneider, and J. Brinkmann; **127**(6), 3516–3536

Near-Infrared Photometry and Spectroscopy of L and T Dwarfs: The Effects of Temperature, Clouds, and Gravity — G. R. Knapp, S. K. Leggett, X. Fan, M. S. Marley, T. R. Geballe, D. A. Golimowski, D. Finkbeiner, J. E. Gunn, J. Hennawi, Ž. Ivezić, R. H. Lupton, D. J. Schlegel, M. A. Strauss, Z. I. Tsvetanov, K. Chiu, E. A. Hoversten, K. Glazebrook, W. Zheng, M. Hendrickson, C. C. Williams, A. Uomoto, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, Donald P. Schneider, and J. Brinkmann; **127**(6), 3553–3578

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

Photospheric Activity among Stars in Old Open Clusters: NGC 7789 — M. N. Hayes-Gehrke, K. A. Janes, and K. M. Yoss; **128**(6), 2862–2880

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916

Spectral and Luminosity Classification of Symbiotic Star Cool Components with Near-Infrared Photometry — Charles D. Keyes and Brandon Preblich; **128**(6), 2981–2987

Stars: Low-Mass, Brown Dwarfs

Spectroscopic Identification of DENIS-selected Brown Dwarf Candidates in the Upper Scorpius OB Association — Eduardo L. Martín, Xavier Delfosse, and Sylvain Guieu; **127**(1), 449–454

On the Formation of Brown Dwarfs — Ing-Guey Jiang, G. Laughlin, and D. N. C. Lin; **127**(1), 455–459

Low-Mass Stars and Substellar Objects in the NGC 1333 Molecular Cloud — Bruce A. Wilking, Michael R. Meyer, Thomas P. Greene, Ayman Mikhail, and Glenn Carlson; **127**(2), 1131–1146

The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries — Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Kelle L. Cruz, Chris G. Tinney, and I. Neill Reid; **127**(5), 2856–2870

The Brown Dwarf Desert at 75–1200 AU — C. McCarthy and B. Zuckerman; **127**(5), 2871–2884

Barnard's Star and the M Dwarf Temperature Scale — P. C. Dawson and M. M. De Robertis; **127**(5), 2909–2914

Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968

L' and *M* Photometry of Ultracool Dwarfs — D. A. Golimowski, S. K. Leggett, M. S. Marley, X. Fan, T. R. Geballe, G. R. Knapp, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, W. Zheng, Z. I. Tsvetanov, K. Chiu, K. Glazebrook, E. A. Hoversten, D. P. Schneider, and J. Brinkmann; **127**(6), 3516–3536

Near-Infrared Photometry and Spectroscopy of L and T Dwarfs: The Effects of Temperature, Clouds, and Gravity — G. R. Knapp, S. K. Leggett, X. Fan, M. S. Marley, T. R. Geballe, D. A. Golimowski, D. Finkbeiner, J. E. Gunn, J. Hennawi, Ž. Ivezić, R. H. Lupton, D. J. Schlegel, M. A. Strauss, Z. I. Tsvetanov, K. Chiu, E. A. Hoversten, K. Glazebrook, W. Zheng, M. Hendrickson, C. C. Williams, A. Uomoto, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, Donald P. Schneider, and J. Brinkmann; **127**(6), 3553–3578

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

Meeting the Cool Neighbors. VIII. A Preliminary 20 Parsec Census from the NLTT Catalogue — I. Neill Reid, Kelle L. Cruz, Peter Allen,

F. Mungall, D. Kilkenny, James Liebert, Suzanne L. Hawley, Oliver J. Fraser, Kevin R. Covey, Patrick Lowrance, J. Davy Kirkpatrick, and Adam J. Burgasser; **128**(1), 463–483

Deep 3.8 Micron Observations of the Trapezium Cluster — Charles J. Lada, August A. Muench, Elizabeth A. Lada, and João F. Alves; **128**(3), 1254–1264

The Initial Mass Function and Young Brown Dwarf Candidates in NGC 2264. I. The Initial Mass Function around S Monocerotis — Hwankyung Sung, Michael S. Bessell, and Moo-Young Chun; **128**(4), 1684–1693

The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747

A Possible Brown Dwarf Companion to the White Dwarf GD 1400 — J. Farihi and M. Christopher; **128**(4), 1868–1871

Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

Stars: Luminosity Function, Mass Function

The Initial Mass Function and Stellar Content of NGC 3603 — Hwankyung Sung and Michael S. Bessell; **127**(2), 1014–1028

Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245 — Christopher J. Burke, B. Scott Gaudi, D. L. DePoy, Richard W. Pogge, and Marc H. Pinsonneault; **127**(4), 2382–2397

The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447

Meeting the Cool Neighbors. VIII. A Preliminary 20 Parsec Census from the NLTT Catalogue — I. Neill Reid, Kelle L. Cruz, Peter Allen, F. Mungall, D. Kilkenny, James Liebert, Suzanne L. Hawley, Oliver J. Fraser, Kevin R. Covey, Patrick Lowrance, J. Davy Kirkpatrick, and Adam J. Burgasser; **128**(1), 463–483

The Initial Mass Function and Young Brown Dwarf Candidates in NGC 2264. I. The Initial Mass Function around S Monocerotis — Hwankyung Sung, Michael S. Bessell, and Moo-Young Chun; **128**(4), 1684–1693

Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789

Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287

Mass Segregation and Tidal Tails of the Globular Cluster NGC 7492 — Kang Hwan Lee, Hyung Mok Lee, Gregory G. Fahlman, and Hwankyung Sung; **128**(6), 2838–2846

A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953

Stars: Magnetic Fields

The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898

XMM-Newton Observations of the Extremely Low Accretion Rate Polars SDSS J155331.12+551614.5 and SDSS J132411.57+032050.5 — Paula Szkody, Lee Homer, Bing Chen, Arne Henden, Gary D. Schmidt, Scott F. Anderson, D. W. Hoard, Wolfgang Voges, and J. Brinkmann; **128**(5), 2443–2447

Stars: Mass Loss

Hubble Space Telescope Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377

A Very Large Array 3.6 Centimeter Continuum Survey of Galactic Wolf-Rayet Stars — C. Cappa, W. M. Goss, and K. A. van der Hucht; **127**(5), 2885–2897

Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605

Spectral and Luminosity Classification of Symbiotic Star Cool Components with Near-Infrared Photometry — Charles D. Keyes and Brandon Preblich; **128**(6), 2981–2987

Stars: Novae, Cataclysmic Variables

An Astrometric Calibration of the M_V-P_{orb} Relationship for Cataclysmic Variables Based on *Hubble Space Telescope* Fine Guidance Sensor Parallaxes — Thomas E. Harrison, Joni J. Johnson, B. E. McArthur, G. F. Benedict, Paula Szkody, Steve B. Howell, and Dawn M. Gelino; **127**(1), 460–468

Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500

The Hα Light Curves and Spatial Distribution of Novae in M81 — James D. Neill and Michael M. Shara; **127**(2), 816–831

Time Development of Recurrent Nova CI Aquilae's 2000 Outburst between 0.8 and 2.5 Microns — David K. Lynch, J. C. Wilson, Richard J. Rudy, Catherine Venturini, Stephan Mazuk, Neal A. Miller, and Richard C. Puetter; **127**(2), 1089–1097

The Detection of ^{13}CO and Other Apparent Abundance Anomalies in the Secondary Stars of Long-Period Cataclysmic Variables — Thomas E. Harrison, Heather L. Osborne, and Steve B. Howell; **127**(6), 3493–3507

Planets in Stellar Clusters Extensive Search. II. Discovery of 57 Variables in the Cluster NGC 2158 with Millimagnitude Image Subtraction Photometry — B. J. Mochejska, K. Z. Stanek, D. D. Sasselov, A. H. Szentgyorgyi, M. Westover, and J. N. Winn; **128**(1), 312–322

Near-Infrared Spectroscopy of V1493 Aquilae and V4642 Sagittarii: Two Novae with Unusual Spectral Features — Catherine C. Venturini, Richard J. Rudy, David K. Lynch, S. Mazuk, and R. C. Puetter; **128**(1), 405–410

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462

Characteristics of High-State/Low-State Transitions in VY Sculptoris Stars — R. K. Honeycutt and S. Kafka; **128**(3), 1279–1293

An Observation of the Intermediate Polar XY Arietis with *Chandra* — A. Salinas and E. M. Schlegel; **128**(3), 1331–1339

Composite Accretion Disk and White Dwarf Photosphere Analyses of the *FUSE* and *Hubble Space Telescope* Observations of EY Cygni —

Edward M. Sion, Lisa Winter, Joel A. Urban, Gaghik H. Tovmassian, Sergei Zharikov, Boris T. Gänsicke, and M. Orio; **128**(4), 1795–1801

Far-Ultraviolet *FUSE* Observations of the Dwarf Novae SS Aurigae and RU Pegasi in Quiescence — Edward M. Sion, Fuhua Cheng, Patrick Godon, Joel A. Urban, and Paula Szkody; **128**(4), 1834–1839

Cataclysmic Variables from the Sloan Digital Sky Survey. III. The Third Year — Paula Szkody, Arne Henden, Oliver Fraser, Nicole Silvestri, John Bochanski, Michael A. Wolfe, Marcel Agüeros, Brian Warner, Patrick Woudt, Jonica Tramposch, Lee Homer, Gary Schmidt, Gillian R. Knapp, Scott F. Anderson, Kevin Covey, Hugh Harris, Suzanne Hawley, Donald P. Schneider, Wolfgang Voges, and J. Brinkmann; **128**(4), 1882–1893

The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898

Detecting Outflows from Cataclysmic Variables in the Optical — S. Kafka and R. K. Honeycutt; **128**(5), 2420–2429

XMM-Newton Observations of the Extremely Low Accretion Rate Polars SDSS J155331.12+551614.5 and SDSS J132411.57+032050.5 — Paula Szkody, Lee Homer, Bing Chen, Arne Henden, Gary D. Schmidt, Scott F. Anderson, D. W. Hoard, Wolfgang Voges, and J. Brinkmann; **128**(5), 2443–2447

The Luminous Erupting Dwarf Nova CV 1 in the Dense Globular Cluster M15 — Michael M. Shara, Sasha Hinkley, David R. Zurek, Christian Knigge, and Howard E. Bond; **128**(6), 2847–2853

The Late Appearance of He I in V445 Puppis — David K. Lynch, Richard J. Rudy, S. Mazuk, Catherine C. Venturini, Richard C. Puetter, and R. Brad Perry; **128**(6), 2962–2964

Stars: Oscillations

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

SX Phoenicis Stars in the Globular Cluster NGC 5466 — Young-Beom Jeon, Myung Gyoon Lee, Seung-Lee Kim, and Ho Lee; **128**(1), 287–299

Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425

New Cepheid Period-Luminosity Relations for the Large Magellanic Cloud: 92 Near-Infrared Light Curves — S. E. Persson, Barry F. Madore, W. Krzemiński, Wendy L. Freedman, M. Roth, and D. C. Murphy; **128**(5), 2239–2264

Stars: Planetary Systems: Formation

A Search for ^{6}Li in Lithium-poor Stars with Planets — Avi M. Mandell, Jian Ge, and Norm Murray; **127**(2), 1147–1157

Fast Accretion of Small Planetesimals by Protoplanetary Cores — R. R. Rafikov; **128**(3), 1348–1363

Stars: Planetary Systems: General

Collisional Cascades in Planetesimal Disks. II. Embedded Planets — Scott J. Kenyon and Benjamin C. Bromley; **127**(1), 513–530

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

Stability of Minor-Body Orbits in Systems with Two Giant Planets — Ian Lepage and Martin J. Duncan; **127**(3), 1755–1767

Excitation and Propagation of Eccentricity Disturbances in Planetary Systems — Nadia L. Zakamska and Scott Tremaine; **128**(2), 869–877

On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932

The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926

Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897

Stars: Planetary Systems: Protoplanetary Disks

A Search for Warm Circumstellar Disks in the TW Hydrae Association — A. J. Weinberger, E. E. Becklin, B. Zuckerman, and I. Song; **127**(4), 2246–2251

Low-Mass Stars and Accretion at the Ages of Planet Formation in the Cepheus OB2 Region — Aurora Sicilia-Aguilar, Lee W. Hartmann, César Briceño, James Muzerolle, and Nuria Calvet; **128**(2), 805–821

Mid- and Far-Infrared *Infrared Space Observatory* Limits on Dust Disks around Millisecond Pulsars — T. Joseph W. Lazio and J. Fischer; **128**(2), 842–845

Near-Infrared Observations of KH 15D through the 2003 February Eclipse — Roger Knacke, Sergio Fajardo-Acosta, and A. T. Tokunaga; **128**(6), 2977–2980

Stars: Population II

The Chemical Composition Contrast between M3 and M13 Revisited: New Abundances for 28 Giant Stars in M3 — Christopher Sneden, Robert P. Kraft, Puragra Guhathakurta, Ruth C. Peterson, and Jon P. Fulbright; **127**(4), 2162–2184

Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421

Photometry of Type II Cepheids. I. The Long-Period Stars — Edward G. Schmidt, Dale Johnston, Shawn Langan, and Kevin M. Lee; **128**(4), 1748–1760

Abundances of Extremely Metal-poor Star Candidates — David K. Lai, Michael Bolte, Jennifer A. Johnson, and Sara Lucatello; **128**(5), 2402–2419

The Spectra of Type II Cepheids. III. The Hα Line and Helium Emission in Long-Period Stars — Edward G. Schmidt, Dale Johnston, Kevin M. Lee, Shawn Langan, Peter R. Newman, and Stephanie A. Snedden; **128**(6), 2988–2996

Stars: Pre–Main-Sequence

Spectroscopic Identification of DENIS-selected Brown Dwarf Candidates in the Upper Scorpius OB Association — Eduardo L. Martín, Xavier Delfosse, and Sylvain Guieu; **127**(1), 449–454

Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080

Hα Emission-Line Stars in Molecular Clouds. I. The NGC 2264 Region — Bo Reipurth, Bertil Pettersson, Tina Armond, John Bally, and Luiz Paulo R. Vaz; **127**(2), 1117–1130

Low-Mass Stars and Substellar Objects in the NGC 1333 Molecular Cloud — Bruce A. Wilking, Michael R. Meyer, Thomas P. Greene, Ayman Mikhail, and Glenn Carlson; **127**(2), 1131–1146

A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193

A Photometric Study of Stars in the MBM 12 Association — William Herbst, Eric C. Williams, and Wendy P. Hawley; **127**(3), 1594–1601

A Multiyear Photometric Study of IC 348 — Roger E. Cohen, William Herbst, and Eric C. Williams; **127**(3), 1602–1621

Spectral Analysis and Classification of Herbig Ae/Be Stars — Jesús Hernández, Nuria Calvet, César Briceño, Lee Hartmann, and Perry Berlind; **127**(3), 1682–1701

Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746

A Near-Infrared Multiplicity Survey of Class I/Flat-Spectrum Systems in Six Nearby Molecular Clouds — Karl E. Haisch, Jr., Thomas P. Greene, Mary Barsony, and Steven W. Stahler; **127**(3), 1747–1754

Periodic Variability of Pre–Main-Sequence Stars in the NGC 2264 OB Association — Russell B. Makidon, Luisa M. Rebull, Stephen E. Strom, Mark T. Adams, and Brian M. Patten; **127**(4), 2228–2245

A Search for Warm Circumstellar Disks in the TW Hydrae Association — A. J. Weinberger, E. E. Becklin, B. Zuckerman, and I. Song; **127**(4), 2246–2251

Compact Radio Sources in Orion: New Detections, Time Variability, and Objects in OMC-1S — Luis A. Zapata, Luis F. Rodríguez, Stanley E. Kurtz, and C. R. O'Dell; **127**(4), 2252–2261

The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351

Orbit of T Tau Ba-Bb and Mass Estimate for Its Infrared Companion — Vakhtang S. Tamazian; **127**(4), 2378–2381

Chandra X-Ray Observations of Young Clusters. I. NGC 2264 Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Thomas Hearty, Lynne Hillenbrand, Burton Jones, Russell Makidon, Steven Pravdo, Stephen Strom, and Michael Werner; **127**(5), 2659–2673

Deep Imaging Surveys of Star-forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816

The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

X-Ray Properties of Pre–Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods — Keivan G. Stassun, David R. Ardila, Mary Barsony, Gibor Basri, and Robert D. Mathieu; **127**(6), 3537–3552

Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342

Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386

The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786

Chandra X-Ray Observations of Young Clusters. II. Orion Flanking Fields Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Stephen Strom, Lynne Hillenbrand, Thomas Hearty, Eugene L. Kopan, Steven Pravdo, Russell Makidon, and Burton Jones; **128**(2), 787–804

Low-Mass Stars and Accretion at the Ages of Planet Formation in the Cepheus OB2 Region — Aurora Sicilia-Aguilar, Lee W. Hartmann, César Briceño, James Muzerolle, and Nuria Calvet; **128**(2), 805–821

LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253

KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272

The Mass Accretion Rates of Intermediate-Mass T Tauri Stars — Nuria Calvet, James Muzerolle, César Briceño, Jesús Hernández, Lee Hartmann, José Luis Saucedo, and Karl D. Gordon; **128**(3), 1294–1318

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

V1647 Orionis (IRAS 05436−0007) in Outburst: The First Three Months — Frederick M. Walter, Guy S. Stringfellow, William H. Sherry, and Angeliki Field-Pollatou; **128**(4), 1872–1879

Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330

A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373

A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953

Near-Infrared Observations of KH 15D through the 2003 February Eclipse — Roger Knacke, Sergio Fajardo-Acosta, and A. T. Tokunaga; **128**(6), 2977–2980

Stars: Pulsars: General

Multiperiodic Variability in Magellanic Cloud Be/X-Ray Binaries — P. C. Schmidtke, A. P. Cowley, Lance Levenson, and Katie Sweet; **127**(6), 3388–3393

The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711

Mid- and Far-Infrared *Infrared Space Observatory* Limits on Dust Disks around Millisecond Pulsars — T. Joseph W. Lazio and J. Fischer; **128**(2), 842–845

Stars: Pulsars: Individual

Vela X-1

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

Stars: Rotation

Stellar Rotation in Young Clusters: The First 4 Million Years — L. M. Rebull, S. C. Wolff, and S. E. Strom; **127**(2), 1029–1051

Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180

A Photometric Study of Stars in the MBM 12 Association — William Herbst, Eric C. Williams, and Wendy P. Hawley; **127**(3), 1594–1601

A Multiyear Photometric Study of IC 348 — Roger E. Cohen, William Herbst, and Eric C. Williams; **127**(3), 1602–1621

Periodic Variability of Pre–Main-Sequence Stars in the NGC 2264 OB Association — Russell B. Makidon, Luisa M. Rebull, Stephen E. Strom, Mark T. Adams, and Brian M. Patten; **127**(4), 2228–2245

X-Ray Properties of Pre–Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods — Keivan G. Stassun, David R. Ardila, Mary Barsony, Gibor Basri, and Robert D. Mathieu; **127**(6), 3537–3552

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824

Rotation and Lithium Surface Abundances, Revisited — Erika Böhm-Vitense; **128**(5), 2435–2442

Stars: Spots

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

Chromospherically Active Stars. XXII. HD 18955, a Massive K Dwarf Binary — Francis C. Fekel, Gregory W. Henry, and Frank M. Alston; **127**(4), 2303–2309

The Chromospherically Active Contact Binary CE Leonis — Young Woon Kang, Hee-Won Lee, Kyeong Soo Hong, Chun-Hwey Kim, and Edward F. Guinan; **128**(2), 846–857

Further Results of TiO-Band Observations of Starspots — Douglas O'Neal, James E. Neff, Steven H. Saar, and Manfred Cuntz; **128**(4), 1802–1811

Stars: Statistics

Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker; **127**(3), 1632–1643

WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722

Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: An Initial Catalog — Ronald A. Downes, Bruce Margon, Scott F. Anderson, Hugh C. Harris, G. R. Knapp, Josh Schroeder, Donald P. Schneider, Donald G. York, Jeffrey R. Pier, and J. Brinkmann; **127**(5), 2838–2849

The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447

The Solar Neighborhood. X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs — Todd J. Henry, John P. Subasavage, Misty A. Brown, Thomas D. Beaulieu, Wei-Chun Jao, and Nigel C. Hambly; **128**(5), 2460–2473

Stars: Subdwarfs

The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries — Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Kelle L. Cruz, Chris G. Tinney, and I. Neill Reid; **127**(5), 2856–2870

Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436

Stars: Supergiants

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855

New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930

Stars: Supernovae: General

Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251

The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855

Spectroscopic Observations and Analysis of the Peculiar SN 1999aa — G. Garavini, G. Folatelli, A. Goobar, S. Nobili, G. Aldering, A. Amadon, R. Amanullah, P. Astier, C. Balland, G. Blanc, M. S. Burns, A. Conley, T. Dahlén, S. E. Deustua, R. Ellis, S. Fabbro, X. Fan, B. Frye, E. L. Gates, R. Gibbons, G. Goldhaber, B. Goldman, D. E. Groom, J. Haissinski, D. Hardin, I. M. Hook, D. A. Howell, D. Kasen, S. Kent, A. G. Kim, R. A. Knop, B. C. Lee, C. Lidman, J. Mendez, G. J. Miller, M. Moniez, A. Mourão, H. Newberg, P. E. Nugent, R. Pain, O. Perdereau, S. Perlmutter, V. Prasad, R. Quimby, J. Raux, N. Regnault, J. Rich, G. T. Richards, P. Ruiz-Lapuente, G. Sainton, B. E. Schaefer, K. Schahmaneche, E. Smith, A. L. Spadafora, V. Stanishev, N. A. Walton, L. Wang, and W. M. Wood-Vasey; **128**(1), 387–404

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

Stars: Supernovae: Individual

SN 1961V

The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855

SN 1991T, SN 1991bg

Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo — Kevin Krisciunas, Nicholas B. Suntzeff, Mark M. Phillips, Pablo Candia, José Luis Prieto, Roberto Antezana, Robin Chassagne, Hsiao-Wen Chen, Mark Dickinson, Peter R. Eisenhardt, Juan Espinoza, Peter M. Garnavich, David González, Thomas E. Harrison, Mario Hamuy, Vladimir D. Ivanov, Wojtek Krzemiński, Craig Kulesa, Patrick McCarthy, Amaya Moro-Martín, César Muena, Alberto Noriega-Crespo, S. E. Persson, Philip A. Pinto, Miguel Roth, Eric P. Rubenstein, S. Adam Stanford, Guy S. Stringfellow, Abner Zapata, Alain Porter, and Marina Wischnjewsky; **128**(6), 3034–3052

SN 1993J

Optical Photometry of SN 1993J: 1995 to 2003 — Tianmeng Zhang, Xiaofeng Wang, Xu Zhou, Weidong Li, Jun Ma, Zhaoji Jiang, and Zongwei Li; **128**(4), 1857–1867

SN 1998bw

Optical-Infrared ANDICAM Observations of the Transient Associated with GRB 030329 — J. S. Bloom, P. G. van Dokkum, C. D. Bailyn, M. M. Buxton, S. R. Kulkarni, and B. P. Schmidt; **127**(1), 252–263

SN 1999aa

Spectroscopic Observations and Analysis of the Peculiar SN 1999aa — G. Garavini, G. Folatelli, A. Goobar, S. Nobili, G. Aldering, A. Amadon, R. Amanullah, P. Astier, C. Balland, G. Blanc, M. S. Burns, A. Conley, T. Dahlén, S. E. Deustua, R. Ellis, S. Fabbro, X. Fan, B. Frye, E. L. Gates, R. Gibbons, G. Goldhaber, B. Goldman, D. E. Groom, J. Haissinski, D. Hardin, I. M. Hook, D. A. Howell, D. Kasen, S. Kent, A. G. Kim, R. A. Knop, B. C. Lee, C. Lidman, J. Mendez, G. J. Miller, M. Moniez, A. Mourão, H. Newberg, P. E. Nugent, R. Pain, O. Perdereau, S. Perlmutter, V. Prasad, R. Quimby, J. Raux, N. Regnault, J. Rich, G. T. Richards, P. Ruiz-Lapuente, G. Sainton, B. E. Schaefer, K. Schahmaneche, E. Smith, A. L. Spadafora, V. Stanishev, N. A. Walton, L. Wang, and W. M. Wood-Vasey; **128**(1), 387–404

SN 1999ee

Optical and Infrared Photometry of the Nearby Type Ia Supernovae 1999ee, 2000bh, 2000ca, and 2001ba — Kevin Krisciunas, Mark M. Phillips, Nicholas B. Suntzeff, S. E. Persson, Mario Hamuy, Roberto Antezana,

Pablo Candia, Alejandro Clocchiatti, Darren L. DePoy, Lisa M. Germany, Luis González, Sergio González, Wojtek Krzemiński, José Maza, Peter E. Nugent, Yulei Qiu, Armin Rest, Miguel Roth, Maximilian Stritzinger, L.-G. Strolger, Ian Thompson, T. B. Williams, and Marina Wischnjewsky; **127**(3), 1664–1681

SN 1999ek

Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo — Kevin Krisciunas, Nicholas B. Suntzeff, Mark M. Phillips, Pablo Candia, José Luis Prieto, Roberto Antezana, Robin Chassagne, Hsiao-Wen Chen, Mark Dickinson, Peter R. Eisenhardt, Juan Espinoza, Peter M. Garnavich, David González, Thomas E. Harrison, Mario Hamuy, Vladimir D. Ivanov, Wojtek Krzemiński, Craig Kulesa, Patrick McCarthy, Amaya Moro-Martín, César Muena, Alberto Noriega-Crespo, S. E. Persson, Philip A. Pinto, Miguel Roth, Eric P. Rubenstein, S. Adam Stanford, Guy S. Stringfellow, Abner Zapata, Alain Porter, and Marina Wischnjewsky; **128**(6), 3034–3052

SN 2000bh, SN 2000ca, SN 2001ba

Optical and Infrared Photometry of the Nearby Type Ia Supernovae 1999ee, 2000bh, 2000ca, and 2001ba — Kevin Krisciunas, Mark M. Phillips, Nicholas B. Suntzeff, S. E. Persson, Mario Hamuy, Roberto Antezana, Pablo Candia, Alejandro Clocchiatti, Darren L. DePoy, Lisa M. Germany, Luis González, Sergio González, Wojtek Krzemiński, José Maza, Peter E. Nugent, Yulei Qiu, Armin Rest, Miguel Roth, Maximilian Stritzinger, L.-G. Strolger, Ian Thompson, T. B. Williams, and Marina Wischnjewsky; **127**(3), 1664–1681

SN 2001bt, SN 2001cn, SN 2001cz, SN 2002bo

Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo — Kevin Krisciunas, Nicholas B. Suntzeff, Mark M. Phillips, Pablo Candia, José Luis Prieto, Roberto Antezana, Robin Chassagne, Hsiao-Wen Chen, Mark Dickinson, Peter R. Eisenhardt, Juan Espinoza, Peter M. Garnavich, David González, Thomas E. Harrison, Mario Hamuy, Vladimir D. Ivanov, Wojtek Krzemiński, Craig Kulesa, Patrick McCarthy, Amaya Moro-Martín, César Muena, Alberto Noriega-Crespo, S. E. Persson, Philip A. Pinto, Miguel Roth, Eric P. Rubenstein, S. Adam Stanford, Guy S. Stringfellow, Abner Zapata, Alain Porter, and Marina Wischnjewsky; **128**(6), 3034–3052

SN 2003dh

Optical-Infrared ANDICAM Observations of the Transient Associated with GRB 030329 — J. S. Bloom, P. G. van Dokkum, C. D. Bailyn, M. M. Buxton, S. R. Kulkarni, and B. P. Schmidt; **127**(1), 252–263

Stars: Variables: Cepheids

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

The Variable-Star Population in Phoenix: Coexistence of Anomalous and Short-Period Classical Cepheids and Detection of RR Lyrae Variables — C. Gallart, A. Aparicio, W. L. Freedman, B. F. Madore, D. Martínez-Delgado, and P. B. Stetson; **127**(3), 1486–1501

Cepheids and Long-Period Variables in NGC 4395 — F. Thim, J. G. Hoessel, A. Saha, J. Claver, A. Dolphin, and G. A. Tammann; **127**(4), 2322–2343

Phase-dependent Variation of the Fundamental Parameters of Cepheids. I. Periods from 6 to 10 Days — R. E. Luck and S. M. Andrievsky; **128**(1), 343–356

The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176

Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605

Photometry of Type II Cepheids. I. The Long-Period Stars — Edward G. Schmidt, Dale Johnston, Shawn Langan, and Kevin M. Lee; **128**(4), 1748–1760

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

New Cepheid Period-Luminosity Relations for the Large Magellanic Cloud: 92 Near-Infrared Light Curves — S. E. Persson, Barry F. Madore, W. Krzemiński, Wendy L. Freedman, M. Roth, and D. C. Murphy; **128**(5), 2239–2264

The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825

The Spectra of Type II Cepheids. III. The Hα Line and Helium Emission in Long-Period Stars — Edward G. Schmidt, Dale Johnston, Kevin M. Lee, Shawn Langan, Peter R. Newman, and Stephanie A. Snedden; **128**(6), 2988–2996

Stars: Variables: General

WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631

Orbital Solutions and Absolute Elements of the Eclipsing Binary AY Camelopardalis — Richard M. Williamon, James R. Sowell, and Walter Van Hamme; **128**(3), 1319–1323

Stars: Variables: RR Lyrae Variable

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

The MACHO Project Large Magellanic Cloud Variable-Star Inventory. XIII. Fourier Parameters for the First-Overtone RR Lyrae Variables and the LMC Distance — C. Alcock, D. R. Alves, T. S. Axelrod, A. C. Becker, D. P. Bennett, C. M. Clement, K. H. Cook, A. J. Drake, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, A. Muzzin, C. A. Nelson, B. A. Peterson, P. Popowski, P. J. Quinn, A. W. Rodgers, J. F. Rowe, W. Sutherland, T. Vandehei, and D. L. Welch; **127**(1), 334–354

RR Lyrae Stars in M32: Signatures of an Ancient Population — Javier Alonso-García, Mario Mateo, and Guy Worthey; **127**(2), 868–874

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

The Variable-Star Population in Phoenix: Coexistence of Anomalous and Short-Period Classical Cepheids and Detection of RR Lyrae Variables — C. Gallart, A. Aparicio, W. L. Freedman, B. F. Madore, D. Martínez-Delgado, and P. B. Stetson; **127**(3), 1486–1501

WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631

The Changing Blazhko Effect of XZ Cygni — Aaron LaCluyzé, Horace A. Smith, E.-M. Gill, A. Hedden, Karen Kinemuchi, A. M. Rosas, Barton J. Pritzl, Brian Sharpee, Christopher Wilkinson, K. W. Robinson, Marvin E. Baldwin, and Gerard Samolyk; **127**(3), 1653–1663

Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec; **127**(4), 2185–2209

Far-Ultraviolet Observations of RR Lyrae Stars in the Core of NGC 1851 — Ronald A. Downes, Bruce Margon, Lee Homer, and Scott F. Anderson; **128**(5), 2288–2294

Stars: Variables: δ Scuti

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

Planets in Stellar Clusters Extensive Search. II. Discovery of 57 Variables in the Cluster NGC 2158 with Millimagnitude Image Subtraction Photometry — B. J. Mochejska, K. Z. Stanek, D. D. Sasselov, A. H. Szentgyorgyi, M. Westover, and J. N. Winn; **128**(1), 312–322

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

Reclassification of ROTSE-I δ Scuti Stars with Multiband Photometry and Fourier Decomposition — H. Jin, S.-L. Kim, C.-U. Lee, D.-J. Lee, and K.-S. Kim; **128**(4), 1847–1856

Stars: Variables: Other

The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–333

Searching for Variability in the Globular Cluster Messier 4 — Robert D. Ferdman, Harvey B. Richer, James Brewer, Greg G. Fahlman, Brad K. Gibson, Brad M. S. Hansen, Mark E. Huber, Rodrigo A. Ibata, Jasonjot S. Kalirai, Jaymie M. Matthews, R. Michael Rich, Jason F. Rowe, Michael M. Shara, and Peter B. Stetson; **127**(1), 380–393

The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488

Short-Period Variable Stars in the M31 Halo — Andrew E. Dolphin, A. Saha, Edward W. Olszewski, Frank Thim, Evan D. Skillman, J. S. Gallagher, and John Hoessel; **127**(2), 875–896

Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957

Did η Carinae's Weigelt Blobs Originate circa 1941? — Bryan N. Dorland, Douglas G. Currie, and Arsen R. Hajian; **127**(2), 1052–1058

The QUEST RR Lyrae Survey. I. The First Catalog — A. K. Vivas, R. Zinn, C. Abad, P. Andrews, C. Bailyn, C. Baltay, A. Bongiovanni, C. Briceño, G. Bruzual, P. Coppi, F. Della Prugna, N. Ellman, I. Ferrín, M. Gebhard, T. Girard, J. Hernández, D. Herrera, R. Honeycutt, G. Magris, S. Mufson, J. Musser, O. Naranjo, D. Rabinowitz, A. Rengstorf, P. Rosenzweig, Ge. Sánchez, Gu. Sánchez, B. Schaefer, H. Schenner, J. A. Snyder, S. Sofia, J. Stock, W. van Altena, B. Vicente, and K. Vieira; **127**(2), 1158–1175

Radial Velocity Studies of Close Binary Stars. IX. — Wojtek Pych, Slavek M. Rucinski, Heide DeBond, J. R. Thomson, Christopher C. Capobianco, R. Melvin Blake, Waldemar Ogłoza, Greg Stachowski, Piotr Rogoziecki, Piotr Ligęza, and Kosmas Gazeas; **127**(3), 1712–1719

HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726

Chromospherically Active Stars. XXII. HD 18955, a Massive K Dwarf Binary — Francis C. Fekel, Gregory W. Henry, and Frank M. Alston; **127**(4), 2303–2309

Cepheids and Long-Period Variables in NGC 4395 — F. Thim, J. G. Hoessel, A. Saha, J. Claver, A. Dolphin, and G. A. Tammann; **127**(4), 2322–2343

Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson, S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449

RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752

Multiperiodic Variability in Magellanic Cloud Be/X-Ray Binaries — P. C. Schmidtke, A. P. Cowley, Lance Levenson, and Katie Sweet; **127**(6), 3388–3393

SX Phoenicis Stars in the Globular Cluster NGC 5466 — Young-Beom Jeon, Myung Gyoon Lee, Seung-Lee Kim, and Ho Lee; **128**(1), 287–299

The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711

A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760

The Metallicity Dependence of the Fourier Components of RR Lyrae Light Curves Is the Oosterhoff-Arp-Preston Period Ratio Effect in Disguise — Allan Sandage; **128**(2), 858–868

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

Hubble Space Telescope NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861

Photospheric Activity among Stars in Old Open Clusters: NGC 7789 — M. N. Hayes-Gehrke, K. A. Janes, and K. M. Yoss; **128**(6), 2862–2880

Identifying Red Variables in the Northern Sky Variability Survey — P. R. Woźniak, S. J. Williams, W. T. Vestrand, and V. Gupta; **128**(6), 2965–2976

The Physical Nature and Orbital Behavior of V523 Cassiopeiae — Ronald G. Samec, Danny R. Faulkner, and David B. Williams; **128**(6), 2997–3004

Stars: White Dwarfs

Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480

Observations of White Dwarfs in the Solar Neighborhood — Adela Kawka, Stéphane Vennes, and John R. Thorstensen; **127**(3), 1702–1711

Concerning the White Dwarf Cooling Age of M4: A Reply to De Marchi et al. on "A Different Interpretation of Recent Deep *HST* Observations" — H. B. Richer, J. Brewer, G. G. Fahlman, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2904–2908

Spectroscopic and Photometric Analysis of HS 1136+6646: A Hot Young DAO + K7 V Post–Common-Envelope, Pre–Cataclysmic Variable Binary — D. K. Sing, J. B. Holberg, M. R. Burleigh, S. A. Good, M. A. Barstow, T. D. Oswalt, S. B. Howell, C. S. Brinkworth, M. Rudkin, K. Johnston, and S. Rafferty; **127**(5), 2936–2947

Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789

Photometric Identification of Cool White Dwarfs — M. Kılıç, D. E. Winget, Ted von Hippel, and C. F. Claver; **128**(4), 1825–1833

Far-Ultraviolet *FUSE* Observations of the Dwarf Novae SS Aurigae and RU Pegasi in Quiescence — Edward M. Sion, Fuhua Cheng, Patrick Godon, Joel A. Urban, and Paula Szkody; **128**(4), 1834–1839

A Possible Brown Dwarf Companion to the White Dwarf GD 1400 — J. Farihi and M. Christopher; **128**(4), 1868–1871

The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898

The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106 — You-Hua Chu, Robert A. Gruendl, Rosa M. Williams, Theodore R. Gull, and Klaus Werner; **128**(5), 2357–2363

Stars: Winds, Outflows

Herbig-Haro Flows in Ophiuchus — Randy L. Phelps and Mary Barsony; **127**(1), 420–443

NGC 6543. II. Understanding the Dilation of the Cat's Eye — Bruce Balick and Arsen R. Hajian; **127**(4), 2269–2276

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

Internal Velocities in the Orion Nebula: Large Radial Velocity Features — Takao Doi, C. R. O'Dell, and Patrick Hartigan; **127**(6), 3456–3478

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

Outflows from Luminous Young Stellar Objects: An Infrared Polarimetric Study — Terry J. Jones, Charles E. Woodward, and Michael S. Kelley; **128**(5), 2448–2459

Stars: Wolf-Rayet

A Very Large Array 3.6 Centimeter Continuum Survey of Galactic Wolf-Rayet Stars — C. Cappa, W. M. Goss, and K. A. van der Hucht; **127**(5), 2885–2897

Probing a Gamma-Ray Burst Progenitor at a Redshift of $z = 2$: A Comprehensive Observing Campaign of the Afterglow of GRB 030226 — S. Klose, J. Greiner, A. Rau, A. A. Henden, D. H. Hartmann, A. Zeh, C. Ries, N. Masetti, D. Malesani, E. Guenther, J. Gorosabel, B. Stecklum, L. A. Antonelli, C. Brinkworth, J. M. Castro Cerón, A. J. Castro-Tirado, S. Covino, A. Fruchter, J. P. U. Fynbo, G. Ghisellini, J. Hjorth, R. Hudec, M. Jelínek, L. Kaper, C. Kouveliotou, K. Lindsay, E. Maiorano, F. Mannucci, M. Nysewander, E. Palazzi, K. Pedersen, E. Pian, D. E. Reichart, J. Rhoads, E. Rol, I. Smail, N. R. Tanvir, A. de Ugarte Postigo, P. M. Vreeswijk, R. A. M. J. Wijers, and E. P. J. van den Heuvel; **128**(5), 1942–1954

Hubble Space Telescope NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861

Stellar Dynamics

Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770

On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932

Erratum: "The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky" [Astron. J. **126**, 772 (2003)] — Jay Anderson and Ivan R. King; **128**(2), 950

Morphology of Galactic Open Clusters — W.-P. Chen, C.-W. Chen, and C. G. Shu; **128**(5), 2306–2315

Sun: Activity

Do We Know of Any Maunder Minimum Stars? — J. T. Wright; **128**(3), 1273–1278

Surveys

A Search for Nitrogen-enriched Quasars in the Sloan Digital Sky Survey Early Data Release — Misty C. Bentz and Patrick S. Osmer; **127**(2), 576–586

The Asiago-ESO/RASS QSO Survey. III. Clustering Analysis and Theoretical Interpretation — Andrea Grazian, Mattia Negrello, Lauro Moscardini, Stefano Cristiani, Martin G. Haehnelt, Sabino Matarrese, Alessandro Omizzolo, and Eros Vanzella; **127**(2), 592–605

An Unbiased Census of Active Galactic Nuclei in the Two Micron All Sky Survey — Paul J. Francis, Brant O. Nelson, and Roc M. Cutri; **127**(2), 646–655

Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659

The Overlooked H II Region DA 568 — C. R. Kerton, Christopher M. Brunt, and R. Kothes; **127**(2), 1059–1068

The QUEST RR Lyrae Survey. I. The First Catalog — A. K. Vivas, R. Zinn, C. Abad, P. Andrews, C. Bailyn, C. Baltay, A. Bongiovanni, C. Briceño, G. Bruzual, P. Coppi, F. Della Prugna, N. Ellman, I. Ferrín, M. Gebhard, T. Girard, J. Hernández, D. Herrera, R. Honeycutt, G. Magris, S. Mufson, J. Musser, O. Naranjo, D. Rabinowitz, A. Rengstorf, P. Rosenzweig, Ge. Sánchez, Gu. Sánchez, B. Schaefer, H. Schenner, J. A. Snyder, S. Sofia, J. Stock, W. van Altena, B. Vicente, and K. Vieira; **127**(2), 1158–1175

Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304

A Catalog of Compact Groups of Galaxies in the SDSS Commissioning Data — Brian C. Lee, Sahar S. Allam, Douglas L. Tucker, James Annis, David E. Johnston, Ryan Scranton, Yamina Acebo, Neta A. Bahcall, Matthias Bartelmann, Hans Böhringer, Nancy Ellman, Eva K. Grebel, Leopoldo Infante, Jon Loveday, Timothy A. McKay, Francisco Prada, Donald P. Schneider, Chris Stoughton, Alexander S. Szalay, Michael S. Vogeley, Wolfgang Voges, and Brian Yanny; **127**(4), 1811–1859

Merging Galaxies in the Sloan Digital Sky Survey Early Data Release — Sahar S. Allam, Douglas L. Tucker, J. Allyn Smith, Brian C. Lee, James Annis, Huan Lin, Igor D. Karachentsev, and Bryan E. Laubscher; **127**(4), 1883–1899

The KPNO International Spectroscopic Survey. IV. Hα-selected Survey List 2 — Caryl Gronwall, John J. Salzer, Vicki L. Sarajedini, Anna Jangren, Laura Chomiuk, J. Ward Moody, Lisa M. Frattare, and Todd A. Boroson; **127**(4), 1943–1958

Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson, S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449

Multicolor Photometric Observations of Candidate Optical Counterparts to *ROSAT* Faint X-Ray Sources in a 1 Square Degree Field of the BATC Survey — Haotong Zhang, Suijian Xue, David Burstein, Xu Zhou, Zhaoji Jiang, Hong Wu, Jun Ma, Jiansheng Chen, and Zhenlong Zou; **127**(5), 2579–2597

Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: An Initial Catalog — Ronald A. Downes, Bruce Margon, Scott F. Anderson, Hugh C. Harris, G. R. Knapp, Josh Schroeder, Donald P. Schneider, Donald G. York, Jeffrey R. Pier, and J. Brinkmann; **127**(5), 2838–2849

A Strategy for Finding Near-Earth Objects with the SDSS Telescope — Sean N. Raymond, Gajus Miknaitis, Oliver J. Fraser, Arti Garg, Suzanne L. Hawley, Robert Jedicke, Thomas Quinn, Constance M. Rockosi, Christopher W. Stubbs, Scott F. Anderson, Craig J. Hogan, Željko Ivezić, Robert H. Lupton, Andrew A. West, Howard Brewington, J. Brinkmann, Michael Harvanek, Scot J. Kleinman, Jurek Krzesiński, Dan Long, Eric H. Neilsen, Peter R. Newman, Atsuko Nitta, and Stephanie A. Snedden; **127**(5), 2978–2987

VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621

The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46

VLBA Astrometry of Compact Radio Sources in the *Spitzer* First-Look Survey — J. M. Wrobel, M. A. Garrett, J. J. Condon, and R. Morganti; **128**(1), 103–108

The Second Data Release of the Sloan Digital Sky Survey — Kevork Abazajian, Jennifer K. Adelman-McCarthy, Marcel A. Agüeros, Sahar S. Allam, Kurt S. J. Anderson, Scott F. Anderson, James Annis, Neta A. Bahcall, Ivan K. Baldry, Steven Bastian, Andreas Berlind, Mariangela Bernardi, Michael R. Blanton, John J. Bochanski, Jr., William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Larry N. Carey, Samuel Carliles, Francisco J. Castander, A. J. Connolly, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Michael L. Evans, Xiaohui Fan, Douglas P. Finkbeiner, Scott D. Friedman, Joshua A. Frieman, Masataka Fukugita, Roy R. Gal, Bruce Gillespie, Karl Glazebrook, Jim Gray, Eva K. Grebel, James E. Gunn, Vijay K. Gurbani, Patrick B. Hall, Masaru Hamabe, Frederick H. Harris, Hugh C. Harris, Michael Harvanek, Timothy M. Heckman, John S. Hendry, Gregory S. Hennessy, Robert B. Hindsley, Craig J. Hogan, David W. Hogg, Donald J. Holmgren, Shin-ichi Ichikawa, Takashi Ichikawa, Željko Ivezić, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Stephen M. Kent, S. J. Kleinman, G. R. Knapp, Alexei Yu. Kniazev, Richard G. Kron, Jurek Krzesiński, Peter Z. Kunszt, Nickolai Kuropatkin, Donald Q. Lamb, Hubert Lampeitl, Brian C. Lee, R. French Leger, Nolan Li, Huan Lin, Yeong-Shang Loh, Daniel C. Long, Jon Loveday, Robert H. Lupton, Tanu Malik, Bruce Margon, Takahiko Matsubara, Peregrine M. McGehee, Timothy A. McKay, Avery Meiksin, Jeffrey A. Munn, Reiko Nakajima, Thomas Nash, Eric H. Neilsen, Jr., Heidi Jo Newberg, Peter R. Newman, Robert C. Nichol, Tom Nicinski, Maria Nieto-Santisteban, Atsuko Nitta, Sadanori Okamura, William O'Mullane, Jeremiah P. Ostriker, Russell Owen, Nikhil Padmanabhan, John Peoples, Jeffrey R. Pier, Adrian C. Pope, Thomas R. Quinn, Gordon T. Richards, Michael W. Richmond, Hans-Walter Rix, Constance M. Rockosi, David J. Schlegel, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Uroš Seljak, Gary Sergey, Branimir Sesar, Erin Sheldon, Kazu Shimasaku, Walter A. Siegmund, Nicole M. Silvestri, J. Allyn Smith, Vernesa Smolčić, Stephanie A. Snedden, Albert Stebbins, Chris Stoughton, Michael A. Strauss, Mark SubbaRao, Alexander S. Szalay, István Szapudi, Paula Szkody, Gyula P. Szokoly, Max Tegmark, Luís Teodoro, Aniruddha R. Thakar, Christy Tremonti, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, Jan Vandenberg, Michael S. Vogeley, Wolfgang Voges, Nicole P. Vogt, Lucianne M. Walkowicz, Shu-i Wang, David H. Weinberg, Andrew A. West, Simon D. M. White, Brian C. Wilhite, Yongzhong Xu, Brian Yanny, Naoki Yasuda, Ching-Wa Yip, D. R. Yocum, Donald G. York, Idit Zehavi, Stefano Zibetti, and Daniel B. Zucker; **128**(1), 502–512

Quasars as Absorption Probes of the J0053+1234 Region — Daniel H. McIntosh, Chris D. Impey, and Catherine E. Petry; **128**(2), 544–560

Nitrogen-enriched Quasars in the Sloan Digital Sky Survey First Data Release — Misty C. Bentz, Patrick B. Hall, and Patrick S. Osmer; **128**(2), 561–568

Spectroscopy of KISS Emission-Line Galaxy Candidates. II. Hobby-Eberly Telescope Observations — Caryl Gronwall, Anna Jangren, John J. Salzer, Jessica K. Werk, and Robin Ciardullo; **128**(2), 644–661

Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 1002–1016

The Northern Sky Optical Cluster Survey. IV. An Intermediate-Redshift Galaxy Cluster Catalog and the Comparison of Two Detection Algorithms — P. A. A. Lopes, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, S. C. Odewahn, A. A. Mahabal, and R. J. Brunner; **128**(3), 1017–1045

NOAO Fundamental Plane Survey. I. Survey Design, Redshifts, and Velocity Dispersion Data — Russell J. Smith, Michael J. Hudson, Jenica E. Nelan, Stephen A. W. Moore, Stephen J. Quinney, Gary A. Wegner, John R. Lucey, Roger L. Davies, Justin J. Malecki, David Schade, and Nicholas B. Suntzeff; **128**(4), 1558–1569

The VLA-COSMOS Survey. I. Radio Identifications from the Pilot Project — E. Schinnerer, C. L. Carilli, N. Z. Scoville, M. Bondi, P. Ciliegi, P. Vettolani, O. Le Fèvre, A. M. Koekemoer, F. Bertoldi, and C. D. Impey; **128**(5), 1974–1989

Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release — Douglas P. Finkbeiner, Nikhil Padmanabhan, David J. Schlegel, Michael A. Carr, James E. Gunn, Constance M. Rockosi, Maki Sekiguchi, Robert H. Lupton, G. R. Knapp, Željko Ivezić, Michael R. Blanton, David W. Hogg, Jennifer K. Adelman-McCarthy, James Annis, Jeffrey Hayes, Ellynne Kinney, Daniel C. Long, Uroš Seljak, Michael A. Strauss, Brian Yanny, Marcel A. Agüeros, Sahar S. Allam, Scott F. Anderson, Neta A. Bahcall, Ivan K. Baldry, Mariangela Bernardi, William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Francisco J. Castander, Kevin R. Covey, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Xiaohui Fan, Scott D. Friedman, Masataka Fukugita, Bruce Gillespie, Eva K. Grebel, Vijay K. Gurbani, Ernst de Haas, Frederick H. Harris, John S. Hendry, Gregory S. Hennessy, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Mario Jurić, Stephen M. Kent, Alexei Yu. Kniazev, Jurek Krzesiński, R. French Leger, Huan Lin, Jon Loveday, Ed Mannery, David Martínez-Delgado, Peregrine M. McGehee, Avery Meiksin, Jeffrey A. Munn, Eric H. Neilsen, Jr., Peter R. Newman, Atsuko Nitta, George Pauls, Thomas R. Quinn, R. R. Rafikov, Gordon T. Richards, Michael W. Richmond, Donald P. Schneider, Joshua Schroeder, Kazu Shimasaku, Walter A. Siegmund, J. Allyn Smith, Stephanie A. Snedden, Albert Stebbins, Alexander S. Szalay, Gyula P. Szokoly, Max Tegmark, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, David H. Weinberg, Andrew A. West, Naoki Yasuda, D. R. Yocum, Donald G. York, and Idit Zehavi; **128**(5), 2577–2592

Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects — C.-W. Yip, A. J. Connolly, D. E. Vanden Berk, Z. Ma, J. A. Frieman, M. SubbaRao, A. S. Szalay, G. T. Richards, P. B. Hall, D. P. Schneider, A. M. Hopkins, J. Trump, and J. Brinkmann; **128**(6), 2603–2630

The Aquarius Superclusters. II. Spectroscopic and Photometric Data — César A. Caretta, Marcio A. G. Maia, and Christopher N. A. Willmer; **128**(6), 2642–2651

The Digitized Second Palomar Observatory Sky Survey (DPOSS). II. Photometric Calibration — R. R. Gal, R. R. de Carvalho, S. C. Odewahn, S. G. Djorgovski, A. Mahabal, R. J. Brunner, and P. A. A. Lopes; **128**(6), 3082–3091

The Digitized Second Palomar Observatory Sky Survey (DPOSS). III. Star-Galaxy Separation — S. C. Odewahn, R. R. de Carvalho, R. R. Gal,

S. G. Djorgovski, R. Brunner, A. Mahabal, P. A. A. Lopes, J. L. Kohl Moreira, and B. Stalder; **128**(6), 3092–3107

Techniques: High Angular Resolution

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

Techniques: Image Processing

Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645

Direct Measurement of the Size of the Large Kuiper Belt Object (50000) Quaoar — Michael E. Brown and Chadwick A. Trujillo; **127**(4), 2413–2417

Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903

Concerning the White Dwarf Cooling Age of M4: A Reply to De Marchi et al. on "A Different Interpretation of Recent Deep *HST* Observations" — H. B. Richer, J. Brewer, G. G. Fahlman, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2904–2908

An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272

Techniques: Interferometric

A VLBI Study of Free-Free Absorbed Compact Radio Sources in the NGC 253 Starburst — S. J. Tingay; **127**(1), 10–16

Speckle Interferometry at the US Naval Observatory. IX. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Dan Pascu, Sean E. Urban, David M. Hall, Greg S. Hennessy, Theodore J. Rafferty, Laura Flagg, Dean Kang, Paul Ries, and Ellis Holdenried; **127**(1), 539–548

VLBA Observations of $z > 4$ Radio-loud Quasars — Emmanuel Momjian, Andreea O. Petric, and Christopher L. Carilli; **127**(2), 587–591

Binary Star Speckle Interferometry: Measurements and Orbits — J. A. Docobo, M. Andrade, J. F. Ling, C. Prieto, V. S. Tamazian, Yu. Yu. Balega, J. Blanco, A. F. Maximov, J. F. Lahulla, and C. Alvarez; **127**(2), 1181–1186

The Circumstellar Envelope of ζ Tauri through Optical Interferometry — Christopher Tycner, Arsen R. Hajian, J. T. Armstrong, J. A. Benson, G. C. Gilbreath, D. J. Hutter, John B. Lester, D. Mozurkewich, and T. A. Pauls; **127**(2), 1194–1203

Speckle Observations of Binary Stars with the WIYN Telescope. IV. Differential Photometry — Elliott P. Horch, Reed D. Meyer, and William F. van Altena; **127**(3), 1727–1735

Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795

Combined BIMA and OVRO Observations of Comet C/1999 S4 (LINEAR) — Michiel R. Hogerheijde, Imke de Pater, Melvyn Wright, J. R. Forster, L. E. Snyder, A. Remijan, L. M. Woodney, M. F. A'Hearn, Patrick Palmer, Y.-J. Kuan, H.-C. Huang, Geoffrey A. Blake, Chunhua Qi, Jacqueline Kessler, and S.-Y. Liu; **127**(4), 2406–2412

The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608

Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia; **128**(1), 323–329

Radio Frequency Interference Mitigation at the Westerbork Synthesis Radio Telescope: Algorithms, Test Observations, and System Implementation — W. A. Baan, P. A. Fridman, and R. P. Millenaar; **128**(2), 933–949

High-Resolution, Wide-Field Imaging of the Galactic Center Region at 330 MHz — Michael E. Nord, T. Joseph W. Lazio, Namir E. Kassim, S. D. Hyman, T. N. LaRosa, C. L. Brogan, and N. Duric; **128**(4), 1646–1670

Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598

The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703

Speckle Interferometry at the US Naval Observatory. X. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Theodore J. Rafferty, Sean E. Urban, and Laura Flagg; **128**(6), 3012–3018

Techniques: Miscellaneous

Radio Frequency Interference Mitigation at the Westerbork Synthesis Radio Telescope: Algorithms, Test Observations, and System Implementation — W. A. Baan, P. A. Fridman, and R. P. Millenaar; **128**(2), 933–949

Techniques: Photometric

The Giant Branches of ω Centauri: Multiwavelength Observations of Evolved Stars — Joanne Hughes, George Wallerstein, Floor van Leeuwen, and Michael Hilker; **127**(2), 980–990

*uvbyCa*Hβ CCD Photometry of Clusters. IV. Solving the Riddle of NGC 3680 — Barbara J. Anthony-Twarog and Bruce A. Twarog; **127**(2), 1000–1013

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

Optical and Infrared Photometry of the Nearby Type Ia Supernovae 1999ee, 2000bh, 2000ca, and 2001ba — Kevin Krisciunas, Mark M. Phillips, Nicholas B. Suntzeff, S. E. Persson, Mario Hamuy, Roberto Antezana, Pablo Candia, Alejandro Clocchiatti, Darren L. DePoy, Lisa M. Germany, Luis González, Sergio González, Wojtek Krzemiński, José Maza, Peter E. Nugent, Yulei Qiu, Armin Rest, Miguel Roth, Maximilian Stritzinger, L.-G. Strolger, Ian Thompson, T. B. Williams, and Marina Wischnjewsky; **127**(3), 1664–1681

Speckle Observations of Binary Stars with the WIYN Telescope. IV. Differential Photometry — Elliott P. Horch, Reed D. Meyer, and William F. van Altena; **127**(3), 1727–1735

The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351

Spatial Variations of Galaxy Number Counts in the Sloan Digital Sky Survey. I. Extinction, Large-Scale Structure, and Photometric Homogeneity — Masataka Fukugita, Naoki Yasuda, Jon Brinkmann, James E. Gunn, Željko Ivezić, Gillian R. Knapp, Robert Lupton, and Donald P. Schneider; **127**(6), 3155–3160

Dome-Diffuser Flat-fielding for Schmidt Telescopes — Xu Zhou, David Burstein, Yong-Ik Byun, Jian-Sheng Chen, Wen-Ping Chen, Zhao-Ji Jiang, Jun Ma, Wei-Hsin Sun, Rogier A. Windhorst, Hong Wu, Wen Xu, and Jin Zhu; **127**(6), 3642–3652

HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783

Reclassification of ROTSE-I δ Scuti Stars with Multiband Photometry and Fourier Decomposition — H. Jin, S.-L. Kim, C.-U. Lee, D.-J. Lee, and K.-S. Kim; **128**(4), 1847–1856

Optical Photometry of SN 1993J: 1995 to 2003 — Tianmeng Zhang, Xiaofeng Wang, Xu Zhou, Weidong Li, Jun Ma, Zhaoji Jiang, and Zongwei Li; **128**(4), 1857–1867

On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169

Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo — Kevin Krisciunas, Nicholas B. Suntzeff, Mark M. Phillips, Pablo Candia, José Luis Prieto, Roberto Antezana, Robin Chassagne, Hsiao-Wen Chen, Mark Dickinson, Peter R. Eisenhardt, Juan Espinoza, Peter M. Garnavich, David González, Thomas E. Harrison, Mario Hamuy, Vladimir D. Ivanov, Wojtek Krzemiński, Craig Kulesa, Patrick McCarthy, Amaya Moro-Martín, César Muena, Alberto Noriega-Crespo, S. E. Persson, Philip A. Pinto, Miguel Roth, Eric P. Rubenstein, S. Adam Stanford, Guy S. Stringfellow, Abner Zapata, Alain Porter, and Marina Wischnjewsky; **128**(6), 3034–3052

The Digitized Second Palomar Observatory Sky Survey (DPOSS). II. Photometric Calibration — R. R. Gal, R. R. de Carvalho, S. C. Odewahn, S. G. Djorgovski, A. Mahabal, R. J. Brunner, and P. A. A. Lopes; **128**(6), 3082–3091

Techniques: Polarimetric

Outflows from Luminous Young Stellar Objects: An Infrared Polarimetric Study — Terry J. Jones, Charles E. Woodward, and Michael S. Kelley; **128**(5), 2448–2459

Looking through the HIPPO: Nucleus and Dust in Comet 2P/Encke — David Jewitt; **128**(6), 3061–3069

Techniques: Radial Velocities

Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652

Searching for Planets in the Hyades. V. Limits on Planet Detection in the Presence of Stellar Activity — Diane B. Paulson, William D. Cochran, and Artie P. Hatzes; **127**(6), 3579–3586

KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272

Techniques: Spectroscopic

Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180

A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193

Spectral Analysis and Classification of Herbig Ae/Be Stars — Jesús Hernández, Nuria Calvet, César Briceño, Lee Hartmann, and Perry Berlind; **127**(3), 1682–1701

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries — Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Kelle L. Cruz, Chris G. Tinney, and I. Neill Reid; **127**(5), 2856–2870

High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430

Hubble Space Telescope Absolute Spectrophotometry of Vega from the Far-Ultraviolet to the Infrared — R. C. Bohlin and R. L. Gilliland; **127**(6), 3508–3515

A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259

Near-Infrared Spectroscopy of V1493 Aquilae and V4642 Sagittarii: Two Novae with Unusual Spectral Features — Catherine C. Venturini, Richard J. Rudy, David K. Lynch, S. Mazuk, and R. C. Puetter; **128**(1), 405–410

Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey — C.-W. Yip, A. J. Connolly, A. S. Szalay, T. Budavári, M. SubbaRao, J. A. Frieman, R. C. Nichol, A. M. Hopkins, D. G. York, S. Okamura, J. Brinkmann, I. Csabai, A. R. Thakar, M. Fukugita, and Ž. Ivezić; **128**(2), 585–609

Further Results of TiO-Band Observations of Starspots — Douglas O'Neal, James E. Neff, Steven H. Saar, and Manfred Cuntz; **128**(4), 1802–1811

Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects — C.-W. Yip, A. J. Connolly, D. E. Vanden Berk, Z. Ma, J. A. Frieman, M. SubbaRao, A. S. Szalay, G. T. Richards, P. B. Hall, D. P. Schneider, A. M. Hopkins, J. Trump, and J. Brinkmann; **128**(6), 2603–2630

Absolute Flux Distribution of the SDSS Standard BD +17°4708 — R. C. Bohlin and R. L. Gilliland; **128**(6), 3053–3060

Spectroscopy of X-Type Asteroids — B. E. Clark, S. J. Bus, A. S. Rivkin, M. K. Shepard, and S. Shah; **128**(6), 3070–3081

Turbulence

Velocity Dispersion of Dissolving OB Associations Affected by External Pressure of the Formation Environment — Hideyuki Kamaya; **128**(2), 761–764

Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931

Ultraviolet: Galaxies

Far Ultraviolet Spectroscopic Explorer Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640

Ultraviolet: General

Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659

Ultraviolet: ISM

FUSE Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49 — Ravi Sankrit, William P. Blair, and John C. Raymond; **128**(4), 1615–1622

Ultraviolet: Stars

New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930

The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898

X-Rays: Binaries

A Revised Ephemeris and *FUSE* Observations of the Supersoft X-Ray Source CAL 83 — P. C. Schmidtke, A. P. Cowley, J. B. Hutchings, K. Winter, and D. Crampton; **127**(1), 469–476

Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321

Multiperiodic Variability in Magellanic Cloud Be/X-Ray Binaries — P. C. Schmidtke, A. P. Cowley, Lance Levenson, and Katie Sweet; **127**(6), 3388–3393

The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711

An Observation of the Intermediate Polar XY Arietis with *Chandra* — A. Salinas and E. M. Schlegel; **128**(3), 1331–1339

X-Rays: Diffuse Background

The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229

The *Chandra* Large Area Synoptic X-Ray Survey (CLASXS) of the Lockman Hole Northwest: The X-Ray Catalog — Y. Yang, R. F. Mushotzky, A. T. Steffen, A. J. Barger, and L. L. Cowie; **128**(4), 1501–1523

The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723

X-Rays: Galaxies

The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229

X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764

Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273

Very Isolated Early-Type Galaxies — John T. Stocke, Brian A. Keeney, Aaron D. Lewis, Harland W. Epps, and Rudolph E. Schild; **127**(3), 1336–1343

Multicolor Photometric Observations of Candidate Optical Counterparts to *ROSAT* Faint X-Ray Sources in a 1 Square Degree Field of the BATC Survey — Haotong Zhang, Suijian Xue, David Burstein, Xu Zhou, Zhaoji Jiang, Hong Wu, Jun Ma, Jiansheng Chen, and Zhenlong Zou; **127**(5), 2579–2597

Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191

Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 1002–1016

An Optical Catalog of the *Chandra* Large Area Synoptic X-Ray Survey Sources — A. T. Steffen, A. J. Barger, P. Capak, L. L. Cowie, R. F. Mushotzky, and Y. Yang; **128**(4), 1483–1500

The Fall of Active Galactic Nuclei and the Rise of Star-forming Galaxies: A Close Look at the Chandra Deep Field X-Ray Number Counts — F. E. Bauer, D. M. Alexander, W. N. Brandt, D. P. Schneider, E. Treister, A. E. Hornschemeier, and G. P. Garmire; **128**(5), 2048–2065

The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723

X-Rays: Galaxy Clusters

Chandra and *XMM-Newton* Observations of RDCS 1252.9−2927, a Massive Cluster at $z = 1.24$ — P. Rosati, P. Tozzi, S. Ettori, V. Mainieri, R. Demarco, S. A. Stanford, C. Lidman, M. Nonino, S. Borgani, R. Della Ceca, P. Eisenhardt, B. P. Holden, and C. Norman; **127**(1), 230–238

X-Rays: General

Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191

An Optical Catalog of the *Chandra* Large Area Synoptic X-Ray Survey Sources — A. T. Steffen, A. J. Barger, P. Capak, L. L. Cowie, R. F. Mushotzky, and Y. Yang; **128**(4), 1483–1500

Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596

X-Rays: ISM

An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130

The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723

X-Ray–Optical–Radio Observations of a Resolved Supernova Remnant in NGC 6822 — Albert K. H. Kong, Loránt O. Sjouwerman, and Benjamin F. Williams; **128**(6), 2783–2788

X-Rays: Stars

An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130

Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480

Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500

Chandra X-Ray Observations of Young Clusters. I. NGC 2264 Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Thomas Hearty, Lynne Hillenbrand, Burton Jones, Russell Makidon, Steven Pravdo, Stephen Strom, and Michael Werner; **127**(5), 2659–2673

X-Ray Properties of Pre–Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods — Keivan G. Stassun, David R. Ardila, Mary Barsony, Gibor Basri, and Robert D. Mathieu; **127**(6), 3537–3552

Chandra X-Ray Observations of Young Clusters. II. Orion Flanking Fields Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Stephen

Strom, Lynne Hillenbrand, Thomas Hearty, Eugene L. Kopan, Steven Pravdo, Russell Makidon, and Burton Jones: **128**(2), 787–804

On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón: **128**(4), 1812–1824

XMM-Newton Observations of the Extremely Low Accretion Rate Polars SDSS J155331.12+551614.5 and SDSS J132411.57+032050.5 — Paula Szkody, Lee Homer, Bing Chen, Arne Henden, Gary D. Schmidt, Scott F. Anderson, D. W. Hoard, Wolfgang Voges, and J. Brinkmann: **128**(5), 2443–2447

AUTHOR INDEX TO VOLUMES 127 AND 128

A

Aars, Christian E. — *see Marcum, Pamela M.*, **127**(6), 3213–3234
Abad, C. — *see Vivas, A. K.*, **127**(2), 1158–1175
Abazajian, Kevork — The Second Data Release of the Sloan Digital Sky Survey — Kevork Abazajian, Jennifer K. Adelman-McCarthy, Marcel A. Agüeros, Sahar S. Allam, Kurt S. J. Anderson, Scott F. Anderson, James Annis, Neta A. Bahcall, Ivan K. Baldry, Steven Bastian, Andreas Berlind, Mariangela Bernardi, Michael R. Blanton, John J. Bochanski, Jr., William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Larry N. Carey, Samuel Carliles, Francisco J. Castander, A. J. Connolly, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Michael L. Evans, Xiaohui Fan, Douglas P. Finkbeiner, Scott D. Friedman, Joshua A. Frieman, Masataka Fukugita, Roy R. Gal, Bruce Gillespie, Karl Glazebrook, Jim Gray, Eva K. Grebel, James E. Gunn, Vijay K. Gurbani, Patrick B. Hall, Masaru Hamabe, Frederick H. Harris, Hugh C. Harris, Michael Harvanek, Timothy M. Heckman, John S. Hendry, Gregory S. Hennessy, Robert B. Hindsley, Craig J. Hogan, David W. Hogg, Donald J. Holmgren, Shin-ichi Ichikawa, Takashi Ichikawa, Željko Ivezić, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Stephen M. Kent, S. J. Kleinman, G. R. Knapp, Alexei Yu. Kniazev, Richard G. Kron, Jurek Krzesiński, Peter Z. Kunszt, Nickolai Kuropatkin, Donald Q. Lamb, Hubert Lampeitl, Brian C. Lee, R. French Leger, Nolan Li, Huan Lin, Yeong-Shang Loh, Daniel C. Long, Jon Loveday, Robert H. Lupton, Tanu Malik, Bruce Margon, Takahiko Matsubara, Peregrine M. McGehee, Timothy A. McKay, Avery Meiksin, Jeffrey A. Munn, Reiko Nakajima, Thomas Nash, Eric H. Neilsen, Jr., Heidi Jo Newberg, Peter R. Newman, Robert C. Nichol, Tom Nicinski, Maria Nieto-Santisteban, Atsuko Nitta, Sadanori Okamura, William O'Mullane, Jeremiah P. Ostriker, Russell Owen, Nikhil Padmanabhan, John Peoples, Jeffrey R. Pier, Adrian C. Pope, Thomas R. Quinn, Gordon T. Richards, Michael W. Richmond, Hans-Walter Rix, Constance M. Rockosi, David J. Schlegel, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Uroš Seljak, Gary Sergey, Branimir Sesar, Erin Sheldon, Kazu Shimasaku, Walter A. Siegmund, Nicole M. Silvestri, J. Allyn Smith, Vernesa Smolčić, Stephanie A. Snedden, Albert Stebbins, Chris Stoughton, Michael A. Strauss, Mark SubbaRao, Alexander S. Szalay, István Szapudi, Paula Szkody, Gyula P. Szokoly, Max Tegmark, Luís Teodoro, Aniruddha R. Thakar, Christy Tremonti, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, Jan Vandenberg, Michael S. Vogeley, Wolfgang Voges, Nicole P. Vogt, Lucianne M. Walkowicz, Shu-i Wang, David H. Weinberg, Andrew A. West, Simon D. M. White, Brian C. Wilhite, Yongzhong Xu, Brian Yanny, Naoki Yasuda, Ching-Wa Yip, D. R. Yocum, Donald G. York, Idit Zehavi, Stefano Zibetti, and Daniel B. Zucker; **128**(1), 502–512
Abraham, Roberto — *see Glazebrook, Karl*, **128**(6), 2652–2659
Abraham, Roberto G. — The Gemini Deep Deep Survey. I. Introduction to the Survey, Catalogs, and Composite Spectra — Roberto G. Abraham, Karl Glazebrook, Patrick J. McCarthy, David Crampton, Richard Murowinski, Inger Jørgensen, Kathy Roth, Isobel M. Hook, Sandra Savaglio, Hsiao-Wen Chen, Ronald O. Marzke, and R. G. Carlberg; **127**(5), 2455–2483
Abraham, Z. — *see Roman-Lopes, A.*, **127**(5), 2817–2825
— *see Dominici, T. P.*, **128**(1), 47–55
— *see Roman-Lopes, A.*, **128**(5), 2364–2373
Acebo, Yamina — *see Lee, Brian C.*, **127**(4), 1811–1859
Adams, Mark T. — *see Makidon, Russell B.*, **127**(4), 2228–2245
Adelman-McCarthy, Jennifer K. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Afanasiev, V. L. — *see Sil'chenko, O. K.*, **127**(5), 2641–2658
Agüeros, Marcel — *see Szkody, Paula*, **128**(4), 1882–1893
Agüeros, Marcel A. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Aguerri, J. A. L. — Environmental Effects in the Structural Parameters of Galaxies in the Coma Cluster — J. A. L. Aguerri, J. Iglesias-Páramo, J. M. Vílchez, and C. Muñoz-Tuñón; **127**(3), 1344–1359
Aguerri, J. Alfonso L. — *see Muñoz-Tuñón, Casiana*, **127**(1), 58–74
A'Hearn, M. F. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Ajiki, Masaru — *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Akerlof, C. W. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Albert, Justin — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Alcock, C. — The MACHO Project Large Magellanic Cloud Variable-Star Inventory. XIII. Fourier Parameters for the First-Overtone RR Lyrae Variables and the LMC Distance — C. Alcock, D. R. Alves, T. S. Axelrod, A. C. Becker, D. P. Bennett, C. M. Clement, K. H. Cook, A. J. Drake, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, A. Muzzin, C. A. Nelson, B. A. Peterson, P. Popowski, P. J. Quinn, A. W. Rodgers, J. F. Rowe, W. Sutherland, T. Vandehei, and D. L. Welch; **127**(1), 334–354
Aldering, G. — *see Garavini, G.*, **128**(1), 387–404
Alexander, D. M. — *see La Franca, F.*, **127**(6), 3075–3088
— *see Bauer, F. E.*, **128**(5), 2048–2065
Alfaro, Emilio J. — *see Delgado, Antonio J.*, **128**(1), 330–342
Allam, Sahar S. — *see Lee, Brian C.*, **127**(4), 1811–1859
— Merging Galaxies in the Sloan Digital Sky Survey Early Data Release — Sahar S. Allam, Douglas L. Tucker, J. Allyn Smith, Brian C. Lee, James Annis, Huan Lin, Igor D. Karachentsev, and Bryan E. Laubscher; **127**(4), 1883–1899
— *see Rider, Cristin J.*, **127**(4), 2210–2227
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Allen, Michael — *see Kiuchi, Gaku*, **128**(6), 2743–2748
Allen, Peter — *see Reid, I. Neill*, **128**(1), 463–483
Allen, R. L. — *see Bernstein, G. M.*, **128**(3), 1364–1390
Alonso, M. V. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Alonso-García, Javier — RR Lyrae Stars in M32: Signatures of an Ancient Population — Javier Alonso-García, Mario Mateo, and Guy Worthey; **127**(2), 868–874
Alonso-Herrero, A. — *see Scarlata, C.*, **128**(3), 1124–1137
Alston, Frank M. — *see Fekel, Francis C.*, **127**(4), 2303–2309
Alvarez, C. — *see Docobo, J. A.*, **127**(2), 1181–1186
Alves, D. R. — *see Alcock, C.*, **127**(1), 334–354
Alves, João F. — *see Lada, Charles J.*, **128**(3), 1254–1264
Amadon, A. — *see Garavini, G.*, **128**(1), 387–404
Amanullah, R. — *see Garavini, G.*, **128**(1), 387–404
Ambrocio-Cruz, P. — The Kinematic Map of the Ionized Gas of the Supergiant Shell LMC SGS 2 — P. Ambrocio-Cruz, A. Laval, M. Rosado, Y. P. Georgelin, M. Marcelin, F. Comerón, N. Delmotte, and A. Viale; **127**(4), 2145–2153
Amico, Paola — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Anderson, Jay — Erratum: "The Rotation of the Globular Cluster 47 Tucanae in the Plane of the Sky" [Astron. J. **126**, 772 (2003)] — Jay Anderson and Ivan R. King; **128**(2), 950
Anderson, Kurt S. J. — Inner-truncated Disks in Galaxies — Kurt S. J. Anderson, Sylvia M. Baggett, and Wayne E. Baggett; **127**(4), 2085–2093
— *see Abazajian, Kevork*, **128**(1), 502–512
Anderson, Scott — *see Fan, Xiaohui*, **128**(2), 515–522
Anderson, Scott F. — *see Zheng, Wei*, **127**(2), 656–659
— *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Szkody, Paula*, **128**(4), 1882–1893
— *see Downes, Ronald A.*, **128**(5), 2288–2294
— *see Szkody, Paula*, **128**(5), 2443–2447
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Andrade, M. — *see Docobo, J. A.*, **127**(2), 1181–1186
Andrews, P. — *see Vivas, A. K.*, **127**(2), 1158–1175
Andrews, Sean M. — *see Herbig, G. H.*, **128**(3), 1233–1253
Andrievsky, S. M. — *see Luck, R. E.*, **128**(1), 343–356
Anglada, Guillem — *see Reipurth, Bo*, **127**(3), 1736–1746

Annis, James — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Allam, Sahar S.*, **127**(4), 1883–1899
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Antezana, Roberto — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Anthony-Twarog, Barbara J. — *uvbyCaHβ* CCD Photometry of Clusters. IV. Solving the Riddle of NGC 3680 — Barbara J. Anthony-Twarog and Bruce A. Twarog; **127**(2), 1000–1013
Antokhina, E. A. — *see Moffat, A. F. J.*, **128**(6), 2854–2861
Antonelli, L. A. — *see Klose, S.*, **128**(5), 1942–1954
Ao, Yiping — ^{13}CO, C^{18}O, and CS Observations toward Massive Dense Cores — Yiping Ao, Ji Yang, and Kazuyoshi Sunada; **128**(4), 1716–1732
Aoki, Kentaro — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Aparicio, A. — *see Gallart, C.*, **127**(3), 1486–1501
Aparicio, Antonio — IAC-STAR: A Code for Synthetic Color-Magnitude Diagram Computation — Antonio Aparicio and Carme Gallart; **128**(3), 1465–1477
Ardila, D. R. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Ardila, David R. — *see Stassun, Keivan G.*, **127**(6), 3537–3552
— *see Golimowski, David A.*, **128**(4), 1733–1747
Arias, E. F. — *see Fey, A. L.*, **127**(6), 3587–3608
Armandroff, Taft E. — *see Pritzl, Barton J.*, **127**(1), 318–333
Armond, Tina — *see Reipurth, Bo*, **127**(2), 1117–1130
Armstrong, J. T. — *see Tycner, Christopher*, **127**(2), 1194–1203
Armus, L. — *see Frayer, D. T.*, **127**(2), 728–735
Arribas, Santiago — Optical Imaging of Very Luminous Infrared Galaxy Systems: Photometric Properties and Late Evolution — Santiago Arribas, Howard Bushouse, Ray A. Lucas, Luis Colina, and Kirk D. Borne; **127**(5), 2522–2543
Asher Johnson, John — *see Johnson, John Asher*
Asensio Ramos, A. — *see Trujillo, I.*, **127**(4), 1917–1942
Ashurov, A. E. — On the Probability of Stellar Encounters in Globular Clusters — A. E. Ashurov; **127**(4), 2154–2161
Aspin, C. — *see Beck, Tracy L.*, **127**(1), 408–419
Aspin, Colin — *see Reipurth, Bo*, **127**(2), 1069–1080
— *see Walawender, Josh*, **127**(5), 2809–2816
Astier, P. — *see Garavini, G.*, **128**(1), 387–404
Atkinson, J. — *see Scarlata, C.*, **128**(3), 1124–1137
Axelrod, T. S. — *see Alcock, C.*, **127**(1), 334–354
Axon, D. — *see Scarlata, C.*, **128**(3), 1124–1137
Axon, David — *see Gerssen, Joris*, **127**(1), 75–89

B

Baan, W. A. — Radio Frequency Interference Mitigation at the Westerbork Synthesis Radio Telescope: Algorithms, Test Observations, and System Implementation — W. A. Baan, P. A. Fridman, and R. P. Millenaar; **128**(2), 933–949
Babler, Brian L. — *see Clayton, Geoffrey C.*, **127**(6), 3382–3387
Bachilla, R. — *see Weistrop, D.*, **127**(3), 1360–1370
Bacon, David — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Baggett, Sylvia M. — *see Anderson, Kurt S. J.*, **127**(4), 2085–2093
Baggett, Wayne E. — *see Anderson, Kurt S. J.*, **127**(4), 2085–2093
Bahcall, Neta A. — *see Richards, Gordon T.*, **127**(3), 1305–1312
— *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Bailyn, C. — *see Vivas, A. K.*, **127**(2), 1158–1175
Bailyn, C. D. — *see Bloom, J. S.*, **127**(1), 252–263
Baker, A. J. — *see Bravo-Alfaro, H.*, **127**(1), 264–278
Baker, J. C. — *see Barr, J. M.*, **128**(6), 2660–2676
Bakos, G. — *see Hartman, J. D.*, **128**(4), 1761–1783
Bakos, G. Á. — *see Bonanos, A. Z.*, **127**(2), 861–867
Balachandran, Suchitra C. — *see Lee, Jae-Woo*, **128**(5), 2388–2401
Baldry, Ivan K. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Baldwin, Marvin E. — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Balega, Yu. Yu. — *see Docobo, J. A.*, **127**(2), 1181–1186
Balick, Bruce — NGC 6543. I. Understanding the Anatomy of the Cat's Eye — Bruce Balick; **127**(4), 2262–2268
— NGC 6543. II. Understanding the Dilation of the Cat's Eye — Bruce Balick and Arsen R. Hajian; **127**(4), 2269–2276
— *see Henry, R. B. C.*, **127**(4), 2284–2302
Balland, C. — *see Garavini, G.*, **128**(1), 387–404
Bally, John — *see Reipurth, Bo*, **127**(2), 1069–1080
— *see Reipurth, Bo*, **127**(2), 1117–1130
— *see Reipurth, Bo*, **127**(3), 1736–1746
— *see Smith, Nathan*, **127**(5), 2793–2808
— *see Walawender, Josh*, **127**(5), 2809–2816
— *see Shuping, R. Y.*, **128**(1), 363–374
Balog, Z. — A Near-Infrared (*JHK*) Survey of the Vicinity of the H II Region NGC 7538: Evidence for a Young Embedded Cluster — Z. Balog, S. J. Kenyon, E. A. Lada, M. Barsony, J. Vinkó, and A. Gáspár; **128**(6), 2942–2953
Balsano, R. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Baltay, C. — *see Vivas, A. K.*, **127**(2), 1158–1175
Baptista, Raymundo — Eclipse Mapping of the Flickering Sources in the Dwarf Nova V2051 Ophiuchi — Raymundo Baptista and Alexandre Bortoletto; **128**(1), 411–425
Barazza, F. D. — *see Jerjen, H.*, **127**(2), 771–788
Barger, A. J. — *see Capak, P.*, **127**(1), 180–198
— *see Cowie, L. L.*, **127**(6), 3137–3145
— *see Steffen, A. T.*, **128**(4), 1483–1500
— *see Yang, Y.*, **128**(4), 1501–1523
Barger, Amy J. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Barker, Michael K. — *see Tiede, Glenn P.*, **128**(1), 224–236
Barmby, Pauline — *see Beasley, Michael A.*, **128**(4), 1623–1645
Barnes, Eric I. — Mass Models for Spiral Galaxies from Two-dimensional Velocity Maps — Eric I. Barnes, J. A. Sellwood, and Arthur Kosowsky; **128**(6), 2724–2742
Barnes, Joshua E. — *see Gerssen, Joris*, **127**(1), 75–89
Barr, J. M. — Tunable-Filter Imaging of Quasar Fields at $z \sim 1$. II. The Star-forming Galaxy Environments of Radio-loud Quasars — J. M. Barr, J. C. Baker, M. N. Bremer, R. W. Hunstead, and J. Bland-Hawthorn; **128**(6), 2660–2676
Barrett, P. — *see Rana, V. R.*, **127**(1), 489–500
Barsony, M. — *see Balog, Z.*, **128**(6), 2942–2953
Barsony, Mary — *see Phelps, Randy L.*, **127**(1), 420–443
— *see Haisch, Karl E., Jr.*, **127**(3), 1747–1754
— *see Stassun, Keivan G.*, **127**(6), 3537–3552
Barstow, M. A. — *see Sing, D. K.*, **127**(5), 2936–2947
Bartelmann, Matthias — *see Lee, Brian C.*, **127**(4), 1811–1859
Bartko, F. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Barton, Elizabeth J. — *see Kannappan, Sheila J.*, **127**(3), 1371–1385
— *see Kannappan, Sheila J.*, **127**(5), 2694–2710
— *see van Zee, Liese*, **128**(6), 2797–2814
Basri, Gibor — *see Stassun, Keivan G.*, **127**(6), 3537–3552
Bassett, L. C. — *Chandra* Observations of Radio-loud Quasars at $z > 4$: X-Rays from the Radio Beacons of the Early Universe — L. C. Bassett, W. N. Brandt, D. P. Schneider, C. Vignali, G. Chartas, and G. P. Garmire; **128**(2), 523–533
Bastian, Steven — *see Abazajian, Kevork*, **128**(1), 502–512
Batcheldor, D. — *see Scarlata, C.*, **128**(3), 1124–1137
Bauer, F. E. — The Fall of Active Galactic Nuclei and the Rise of Star-forming Galaxies: A Close Look at the Chandra Deep Field X-Ray Number Counts — F. E. Bauer, D. M. Alexander, W. N. Brandt, D. P. Schneider, E. Treister, A. E. Hornschemeier, and G. P. Garmire; **128**(5), 2048–2065
Beasley, Michael A. — The Chemical Properties of Milky Way and M31 Globular Clusters. I. A Comparative Study — Michael A. Beasley, Jean P. Brodie, Jay Strader, Duncan A. Forbes, Robert N. Proctor, Pauline Barmby, and John P. Huchra; **128**(4), 1623–1645
Beaugé, Cristian — *see Nesvorný, David*, **127**(3), 1768–1783
Beaulieu, Thomas D. — *see Henry, Todd J.*, **128**(5), 2460–2473
Beck, R. — *see Vollmer, B.*, **127**(6), 3375–3381
Beck, Sara C. — MERLIN and VLA Observations of VII Zw 19: Distant Cousin of M82 — Sara C. Beck, S. T. Garrington, Jean L. Turner, and Schuyler D. Van Dyk; **128**(4), 1552–1557
Beck, T. — *see Raga, A. C.*, **127**(2), 1081–1088
Beck, Tracy L. — The Three-dimensional Structure of HH 32 from GMOS IFU Spectroscopy — Tracy L. Beck, A. Riera, A. C. Raga, and C. Aspin; **127**(1), 408–419
Becker, A. C. — *see Alcock, C.*, **127**(1), 334–354
Becker, R. H. — *see de Vries, W. H.*, **127**(5), 2565–2578
Becker, Robert H. — *see Pindor, Bart*, **127**(3), 1318–1324

Beckerman, Eli — *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
Becklin, E. E. — *see Weinberger, A. J.*, **127**(4), 2246–2251
Beelen, A. — *see Carilli, C. L.*, **128**(3), 997–1001
Beers, Timothy C. — *see Brown, Warren R.*, **127**(3), 1555–1566
— *see Parker, Jennifer E.*, **127**(3), 1567–1578
Bell, Roger A. — *see Clem, James L.*, **127**(2), 1227–1256
Belle, Kunegunda E. — A Preliminary Observational Search for Circumbinary Disks around Cataclysmic Variables — Kunegunda E. Belle, Neeru Sanghi, Steve B. Howell, J. B. Holberg, and Peter T. Williams; **128**(1), 448–462
Bendo, George J. — Nuclear Stellar Populations in the *Infrared Space Observatory* Atlas of Bright Spiral Galaxies — George J. Bendo and Robert D. Joseph; **127**(6), 3338–3360
Benedict, G. F. — *see Harrison, Thomas E.*, **127**(1), 460–468
Benedict, G. Fritz — *see Golimowski, David A.*, **128**(4), 1733–1747
Benevides-Soares, P. — *see Dominici, T. P.*, **128**(1), 47–55
Benítez, N. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Bennett, D. P. — *see Alcock, C.*, **127**(1), 334–354
Benson, J. A. — *see Tycner, Christopher*, **127**(2), 1194–1203
Bentz, Misty C. — A Search for Nitrogen-enriched Quasars in the Sloan Digital Sky Survey Early Data Release — Misty C. Bentz and Patrick S. Osmer; **127**(2), 576–586
— Nitrogen-enriched Quasars in the Sloan Digital Sky Survey First Data Release — Misty C. Bentz, Patrick B. Hall, and Patrick S. Osmer; **128**(2), 561–568
Bergeron, E. — *see Moffat, A. F. J.*, **128**(6), 2854–2861
Berlind, Andreas — *see Abazajian, Kevork*, **128**(1), 502–512
Berlind, Perry — *see Hernández, Jesús*, **127**(3), 1682–1701
Bernardi, Mariangela — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Bernstein, G. M. — The Size Distribution of Trans-Neptunian Bodies — G. M. Bernstein, D. E. Trilling, R. L. Allen, M. E. Brown, M. Holman, and R. Malhotra; **128**(3), 1364–1390
Bernstein, Gary — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Bershady, M. A. — *see Hoyos, C.*, **128**(4), 1541–1551
Bersier, David — *see Holland, Stephen T.*, **128**(5), 1955–1964
Bertoldi, F. — *see Carilli, C. L.*, **128**(3), 997–1001
— *see Schinnerer, E.*, **128**(5), 1974–1989
Bertone, E. — ATLAS versus NextGen Model Atmospheres: A Combined Analysis of Synthetic Spectral Energy Distributions — E. Bertone, A. Buzzoni, M. Chávez, and L. H. Rodríguez-Merino; **128**(2), 829–841
Bessell, Michael S. — *see Sung, Hwankyung*, **127**(2), 1014–1028
— *see Sung, Hwankyung*, **128**(4), 1684–1693
Beswick, Robert — *see Gallimore, Jack F.*, **127**(1), 239–251
Bhathal, R. — *see Koribalski, B. S.*, **128**(1), 16–46
Bicknell, Geoffrey V. — *see Drake, Catherine L.*, **128**(3), 969–984
Bignall, Hayley — *see Winn, Joshua N.*, **128**(6), 2696–2703
Binette, L. — *see Raga, A. C.*, **127**(2), 1081–1088
Binggeli, B. — *see Jerjen, H.*, **127**(2), 771–788
Binney, J. — *see Scarlata, C.*, **128**(3), 1124–1137
Blain, A. W. — *see Frayer, D. T.*, **127**(2), 728–735
Blair, William P. — *see Sankrit, Ravi*, **128**(4), 1615–1622
Blake, Geoffrey A. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Blake, R. Melvin — *see Pych, Wojtek*, **127**(3), 1712–1719
Blakeslee, J. P. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Blanc, G. — *see Garavini, G.*, **128**(1), 387–404
Blanco, J. — *see Docobo, J. A.*, **127**(2), 1181–1186
Bland-Hawthorn, J. — *see Barr, J. M.*, **128**(6), 2660–2676
Bland-Hawthorn, Joss — *see Coleman, Matthew*, **127**(2), 832–839
— *see Glazebrook, Karl*, **128**(6), 2652–2659
Blank, David — *see Goldstein, Greg*, **127**(4), 2310–2321
Blanton, Michael R. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Bloch, J. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Block, D. L. — Gravitational Bar and Spiral Arm Torques from K_s-Band Observations and Implications for the Pattern Speeds — D. L. Block, R. Buta, J. H. Knapen, D. M. Elmegreen, B. G. Elmegreen, and I. Puerari; **128**(1), 183–201
Bloom, J. S. — Optical-Infrared ANDICAM Observations of the Transient Associated with GRB 030329 — J. S. Bloom, P. G. van Dokkum, C. D. Bailyn, M. M. Buxton, S. R. Kulkarni, and B. P. Schmidt; **127**(1), 252–263
— *see Holland, Stephen T.*, **128**(5), 1955–1964
Bloom, S. D. — An Optical Survey of the Position Error Contours of Unidentified High-Energy Gamma-Ray Sources at Galactic Latitude $|b| > 20°$ — S. D. Bloom, D. A. Dale, R. Cool, K. Dupczak, C. Miller, A. Haugsjaa, C. Peters, M. Tornikoski, P. Wallace, and M. Pierce; **128**(1), 56–61
Bochanski, John — *see Szkody, Paula*, **128**(4), 1882–1893
Bochanski, John J., Jr. — *see Abazajian, Kevork*, **128**(1), 502–512
Böhm, K. H. — *see Raga, A. C.*, **127**(2), 1081–1088
Böhm-Vitense, Erika — Rotation and Lithium Surface Abundances, Revisited — Erika Böhm-Vitense; **128**(5), 2435–2442
Böhringer, Hans — *see Lee, Brian C.*, **127**(4), 1811–1859
Böker, Torsten — A *Hubble Space Telescope* Census of Nuclear Star Clusters in Late-Type Spiral Galaxies. II. Cluster Sizes and Structural Parameter Correlations — Torsten Böker, Marc Sarzi, Dean E. McLaughlin, Roeland P. van der Marel, Hans-Walter Rix, Luis C. Ho, and Joseph C. Shields; **127**(1), 105–118
Bohigas, Joaquín — Optical Imaging and Spectroscopy of the H II Region G353.2+0.9 in NGC 6357 and Its Relation to Pismis 24 — Joaquín Bohigas, Mauricio Tapia, Miguel Roth, and María Teresa Ruiz; **127**(5), 2826–2837
Bohlin, R. C. — *Hubble Space Telescope* Absolute Spectrophotometry of Vega from the Far-Ultraviolet to the Infrared — R. C. Bohlin and R. L. Gilliland; **127**(6), 3508–3515
— Absolute Flux Distribution of the SDSS Standard BD +17°4708 — R. C. Bohlin and R. L. Gilliland; **128**(6), 3053–3060
Bolte, Michael — *see Williams, Kurtis A.*, **128**(4), 1784–1789
— *see Lai, David K.*, **128**(5), 2402–2419
— *see Clark, L. Lee*, **128**(6), 3019–3033
Bolton, Adam S. — Sloan Digital Sky Survey Spectroscopic Lens Search. I. Discovery of Intermediate-Redshift Star-forming Galaxies behind Foreground Luminous Red Galaxies — Adam S. Bolton, Scott Burles, David J. Schlegel, Daniel J. Eisenstein, and J. Brinkmann; **127**(4), 1860–1882
Bonanos, A. Z. — The RR Lyrae Distance to the Draco Dwarf Spheroidal Galaxy — A. Z. Bonanos, K. Z. Stanek, A. H. Szentgyorgyi, D. D. Sasselov, and G. Á. Bakos; **127**(2), 861–867
Bond, Howard E. — *see Cohen, Martin*, **127**(4), 2362–2377
— *see Shara, Michael M.*, **128**(6), 2847–2853
Bondi, M. — *see Schinnerer, E.*, **128**(5), 1974–1989
Bongiovanni, A. — *see Vivas, A. K.*, **127**(2), 1158–1175
Bono, Giuseppe — *see Gieren, Wolfgang*, **128**(3), 1167–1176
Borgani, S. — *see Rosati, P.*, **127**(1), 230–238
Bornancini, Carlos G. — Clustering and Light Profiles of Galaxies in the Environment of 20 Ultra–Steep-Spectrum Radio Sources — Carlos G. Bornancini, Héctor J. Martínez, Diego G. Lambas, Wim de Vries, Wil van Breugel, Carlos De Breuck, and Dante Minniti; **127**(2), 679–685
Borne, Kirk D. — *see Arribas, Santiago*, **127**(5), 2522–2543
Boroski, William N. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Boroson, Todd A. — *see Gronwall, Caryl*, **127**(4), 1943–1958
Bortoletto, Alexandre — *see Baptista, Raymundo*, **128**(1), 411–425
Boschin, Walter — *see Ramella, Massimo*, **128**(5), 2022–2036
Bosh, Amanda S. — *see Pascu, Dan*, **127**(5), 2988–2996
Botte, V. — Exploring Narrow-Line Seyfert 1 Galaxies through the Physical Properties of Their Hosts — V. Botte, S. Ciroi, P. Rafanelli, and F. Di Mille; **127**(6), 3168–3179
Bouwens, R. J. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Bower, Geoffrey C. — *see Herrnstein, Robeson M.*, **127**(6), 3399–3410
Boyce, P. J. — *see Koribalski, B. S.*, **128**(1), 16–46
Bradley, L. D. — *see Martel, A. R.*, **128**(6), 2758–2771
Brandl, Bernhard — *see Stolte, Andrea*, **128**(2), 765–786
Brandner, W. — *see Butler, D. J.*, **127**(3), 1472–1485
Brandner, Wolfgang — *see Stolte, Andrea*, **128**(2), 765–786
Brandt, Ken — *see Sarajedini, Ata*, **127**(2), 991–999
Brandt, W. N. — *see Kaspi, Shai*, **127**(5), 2631–2640
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Bassett, L. C.*, **128**(2), 523–533
— *see Bauer, F. E.*, **128**(5), 2048–2065
Bravo-Alfaro, H. — H I and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4 — H. Bravo-Alfaro, E. Brinks, A. J. Baker, F. Walter, and D. Kunth; **127**(1), 264–278
— *see Coziol, R.*, **128**(1), 68–88
Bremer, M. N. — *see Barr, J. M.*, **128**(6), 2660–2676
Bresolin, Fabio — *see Gieren, Wolfgang*, **128**(3), 1167–1176
— *see Carraro, Giovanni*, **128**(4), 1676–1683
— *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825

Brewer, J. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Brewer, James — *see Ferdman, Robert D.*, **127**(1), 380–393
Brewington, Howard — *see Raymond, Sean N.*, **127**(5), 2978–2987
Briceño, C. — *see Vivas, A. K.*, **127**(2), 1158–1175
Briceño, César — *see Hernández, Jesús*, **127**(3), 1682–1701
— *see Sicilia-Aguilar, Aurora*, **128**(2), 805–821
— *see Calvet, Nuria*, **128**(3), 1294–1318
Bridges, Terry J. — *see Weldrake, David T. F.*, **128**(2), 736–760
Briggs, John W. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Bright, John — *see Olsen, Knut A. G.*, **127**(5), 2674–2693
Briley, Michael M. — The Chemical Inhomogeneity of Faint M13 Stars: Carbon and Nitrogen Abundances — Michael M. Briley, Judith G. Cohen, and Peter B. Stetson; **127**(3), 1579–1587
— On the Carbon and Nitrogen Abundances of 47 Tucanae's Main-Sequence Stars — Michael M. Briley, Daniel Harbeck, Graeme H. Smith, and Eva K. Grebel; **127**(3), 1588–1593
Brinkmann, J. — *see Richards, Gordon T.*, **127**(3), 1305–1312
— *see Bolton, Adam S.*, **127**(4), 1860–1882
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see West, Andrew A.*, **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Yip, C.-W.*, **128**(2), 585–609
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Szkody, Paula*, **128**(4), 1882–1893
— *see Szkody, Paula*, **128**(5), 2443–2447
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
— *see Yip, C.-W.*, **128**(6), 2603–2630
Brinkmann, Jon — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
— *see Pindor, Bart*, **127**(3), 1318–1324
— *see Nakamura, Osamu*, **127**(5), 2511–2521
— *see Fukugita, Masataka*, **127**(6), 3155–3160
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Tanaka, Masayuki*, **128**(6), 2677–2695
Brinkmann, Jonathan — *see Zheng, Wei*, **127**(2), 656–659
Brinks, E. — *see Bravo-Alfaro, H.*, **127**(1), 264–278
— *see Coziol, R.*, **128**(1), 68–88
— *see del Río, M. S.*, **128**(1), 89–102
Brinkworth, C. — *see Klose, S.*, **128**(5), 1942–1954
Brinkworth, C. S. — *see Sing, D. K.*, **127**(5), 2936–2947
Brisken, W. F. — *see Brogan, C. L.*, **127**(1), 355–367
Broadhurst, T. J. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Brocato, E. — Pulsational Evidence for Mass Loss in NGC 1866 Cepheids — E. Brocato, F. Caputo, V. Castellani, M. Marconi, and I. Musella; **128**(4), 1597–1605
Brodie, Jean P. — *see Strader, Jay*, **127**(1), 295–301
— *see Forbes, Duncan A.*, **127**(6), 3394–3398
— *see Strader, Jay*, **127**(6), 3431–3436
— *see Schweizer, François*, **128**(1), 202–210
— *see Beasley, Michael A.*, **128**(4), 1623–1645
— *see Strader, Jay*, **128**(4), 1671–1675
— *see Larsen, Søren S.*, **128**(5), 2295–2305
— *see Howell, Justin H.*, **128**(6), 2749–2757
Brogan, C. L. — A Low-Frequency Survey of the Galactic Plane near $l = 11°$: Discovery of Three New Supernova Remnants — C. L. Brogan, K. E. Devine, T. J. Lazio, N. E. Kassim, C. R. Tam, W. F. Brisken, K. K. Dyer, and M. S. E. Roberts; **127**(1), 355–367
— OH (1720 MHz) Maser Search toward the Large Magellanic Cloud — C. L. Brogan, W. M. Goss, J. S. Lazendic, and A. J. Green; **128**(2), 700–708
— *see Nord, Michael E.*, **128**(4), 1646–1670
Bromley, Benjamin C. — *see Kenyon, Scott J.*, **127**(1), 513–530
— *see Kenyon, Scott J.*, **128**(4), 1916–1926
Brooks, Kate J. — *see Smith, Nathan*, **127**(5), 2793–2808
Brooks, R. Scott — The Metallicity Distribution in the Outer Halo of M33 — R. Scott Brooks, Christine D. Wilson, and William E. Harris; **128**(1), 237–244
Brown, M. E. — *see Bernstein, G. M.*, **128**(3), 1364–1390
Brown, M. J. I. — *see Wang, J.-X.*, **127**(1), 213–229
Brown, Michael E. — Direct Measurement of the Size of the Large Kuiper Belt Object (50000) Quaoar — Michael E. Brown and Chadwick A. Trujillo; **127**(4), 2413–2417
— The Plane of the Kuiper Belt — Michael E. Brown and Margaret Pan; **127**(4), 2418–2423
Brown, Misty A. — *see Hambly, Nigel C.*, **128**(1), 437–447
— *see Henry, Todd J.*, **128**(5), 2460–2473
Brown, R. A. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Brown, Thomas M. — RR Lyrae Stars in the Andromeda Halo from Deep Imaging with the Advanced Camera for Surveys — Thomas M. Brown, Henry C. Ferguson, Ed Smith, Randy A. Kimble, Allen V. Sweigart, Alvio Renzini, and R. Michael Rich; **127**(5), 2738–2752
Brown, Warren R. — Mapping the Inner Halo of the Galaxy with 2MASS-selected Horizontal-Branch Candidates — Warren R. Brown, Margaret J. Geller, Scott J. Kenyon, Timothy C. Beers, Michael J. Kurtz, and John B. Roll; **127**(3), 1555–1566
Brunner, R. — *see Odewahn, S. C.*, **128**(6), 3092–3107
Brunner, R. J. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
— *see Gal, R. R.*, **128**(6), 3082–3091
Brunner, Robert — *see Richards, Gordon T.*, **127**(3), 1305–1312
Brunner, Robert J. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Brunt, Christopher M. — *see Kerton, C. R.*, **127**(2), 1059–1068
Bruzual, G. — *see Vivas, A. K.*, **127**(2), 1158–1175
Budavári, T. — *see Yip, C.-W.*, **128**(2), 585–609
Budavári, Tamás — *see Stanford, S. A.*, **127**(1), 131–155
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Bureau, M. — *see Chung, Aeree*, **127**(6), 3192–3212
Burgasser, A. J. — *see Vrba, F. J.*, **127**(5), 2948–2968
Burgasser, Adam J. — The 2MASS Wide-Field T Dwarf Search. III. Seven New T Dwarfs and Other Cool Dwarf Discoveries — Adam J. Burgasser, Michael W. McElwain, J. Davy Kirkpatrick, Kelle L. Cruz, Chris G. Tinney, and I. Neill Reid; **127**(5), 2856–2870
— *see Reid, I. Neill*, **128**(1), 463–483
Burke, Christopher J. — Survey for Transiting Extrasolar Planets in Stellar Systems. I. Fundamental Parameters of the Open Cluster NGC 1245 — Christopher J. Burke, B. Scott Gaudi, D. L. DePoy, Richard W. Pogge, and Marc H. Pinsonneault; **127**(4), 2382–2397
Burleigh, M. R. — *see Sing, D. K.*, **127**(5), 2936–2947
Burles, Scott — *see Zheng, Wei*, **127**(2), 656–659
— *see Pindor, Bart*, **127**(3), 1318–1324
— *see Bolton, Adam S.*, **127**(4), 1860–1882
Burns, J. A. — *see Carruba, V.*, **128**(4), 1899–1915
Burns, Joseph A. — *see Ćuk, Matija*, **128**(5), 2518–2541
Burns, M. S. — *see Garavini, G.*, **128**(1), 387–404
Burrows, C. J. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Burstein, David — *see Zhang, Haotong*, **127**(5), 2579–2597
— *see Zhou, Xu*, **127**(6), 3642–3652
Burwitz, V. — *see Grupe, D.*, **128**(4), 1524–1528
Bus, S. J. — *see Clark, B. E.*, **128**(6), 3070–3081
Bush, Stephanie J. — Neutral Hydrogen in the Interacting Magellanic Spirals NGC 4618 and NGC 4625 — Stephanie J. Bush and Eric M. Wilcots; **128**(6), 2789–2796
Bushouse, Howard — *see Arribas, Santiago*, **127**(5), 2522–2543
Buta, R. — The Distribution of Maximum Relative Gravitational Torques in Disk Galaxies — R. Buta, E. Laurikainen, and H. Salo; **127**(1), 279–294
— *see Block, D. L.*, **128**(1), 183–201
Buta, Ronald J. — A *Hubble Space Telescope* Study of Star Formation in the Inner Resonance Ring of NGC 3081 — Ronald J. Buta, Gene G. Byrd, and Tarsh Freeman; **127**(4), 1982–2001
— *see McCall, Marshall L.*, **128**(1), 375–386
Butler, D. J. — The Stellar Content and Star Formation History of the Late-Type Spiral Galaxy NGC 300 from *Hubble Space Telescope* Observations — D. J. Butler, D. Martínez-Delgado, and W. Brandner; **127**(3), 1472–1485
Butler, K. — *see Hutchings, J. B.*, **128**(5), 2234–2238
Buxton, M. M. — *see Bloom, J. S.*, **127**(1), 252–263
Buzzoni, A. — *see Bertone, E.*, **128**(2), 829–841

Byrd, Gene G. — *see Buta, Ronald J.*, **127**(4), 1982–2001
Byun, Y.-I. — *see Kyeong, J.-M.*, **128**(5), 2331–2338
Byun, Yong-Ik — *see Zhou, Xu*, **127**(6), 3642–3652

C

Cabrera-Lavers, A. — An Optical Study of a Sample of Spiral Galaxies — A. Cabrera-Lavers and F. Garzón; **127**(3), 1386–1404
Calabretta, M. R. — *see Koribalski, B. S.*, **128**(1), 16–46
Caldwell, John A. R. — *see Morgan, Nicholas D.*, **127**(5), 2617–2630
— *see Koch, Andreas*, **128**(5), 2274–2287
Caldwell, Nelson — *see Schiavon, Ricardo P.*, **127**(3), 1513–1530
— *see Holland, Stephen T.*, **128**(5), 1955–1964
Calvet, Nuria — *see Hernández, Jesús*, **127**(3), 1682–1701
— *see Sicilia-Aguilar, Aurora*, **128**(2), 805–821
— The Mass Accretion Rates of Intermediate-Mass T Tauri Stars — Nuria Calvet, James Muzerolle, César Briceño, Jesús Hernández, Lee Hartmann, José Luis Saucedo, and Karl D. Gordon; **128**(3), 1294–1318
Calzetti, Daniela — The Ionized Gas in Local Starburst Galaxies: Global and Small-Scale Feedback from Star Formation — Daniela Calzetti, Jason Harris, John S. Gallagher III, Denise A. Smith, Christopher J. Conselice, Nicole Homeier, and Lisa Kewley; **127**(3), 1405–1430
Candia, Pablo — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Cannon, John M. — *see Jackson, Dale C.*, **128**(3), 1219–1227
Cantó, J. — *see Girart, J. M.*, **127**(5), 2969–2977
Canzian, B. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Canzian, Blaise — *see Munn, Jeffrey A.*, **127**(5), 3034–3042
Caon, Nicola — *see Muñoz-Tuñón, Casiana*, **127**(1), 58–74
Capak, P. — A Deep Wide-Field, Optical, and Near-Infrared Catalog of a Large Area around the Hubble Deep Field North — P. Capak, L. L. Cowie, E. M. Hu, A. J. Barger, M. Dickinson, E. Fernandez, M. Giavalisco, Y. Komiyama, C. Kretchmer, C. McNally, S. Miyazaki, S. Okamura, and D. Stern; **127**(1), 180–198
— *see Cowie, L. L.*, **127**(6), 3137–3145
— *see Steffen, A. T.*, **128**(4), 1483–1500
Capak, Peter — *see Hu, Esther M.*, **127**(2), 563–575
— *see Wirth, Gregory D.*, **127**(6), 3121–3136
Capetti, A. — *see Scarlata, C.*, **128**(3), 1124–1137
Capobianco, Christopher C. — *see Pych, Wojtek*, **127**(3), 1712–1719
Cappa, C. — A Very Large Array 3.6 Centimeter Continuum Survey of Galactic Wolf-Rayet Stars — C. Cappa, W. M. Goss, and K. A. van der Hucht; **127**(5), 2885–2897
Caputo, F. — *see Brocato, E.*, **128**(4), 1597–1605
Caretta, César A. — The Aquarius Superclusters. II. Spectroscopic and Photometric Data — César A. Caretta, Marcio A. G. Maia, and Christopher N. A. Willmer; **128**(6), 2642–2651
Carey, Larry N. — *see Abazajian, Kevork*, **128**(1), 502–512
Carilli, C. L. — Radio Continuum Imaging of Far-Infrared–luminous QSOs at $z > 6$ — C. L. Carilli, F. Walter, F. Bertoldi, K. M. Menten, X. Fan, G. F. Lewis, Michael A. Strauss, Pierre Cox, A. Beelen, A. Omont, and N. Mohan; **128**(3), 997–1001
— *see Schinnerer, E.*, **128**(5), 1974–1989
Carilli, Christopher L. — *see Momjian, Emmanuel*, **127**(2), 587–591
Carlberg, R. G. — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Carliles, Samuel — *see Abazajian, Kevork*, **128**(1), 502–512
Carlson, Glenn — *see Wilking, Bruce A.*, **127**(2), 1131–1146
Carney, Bruce W. — *see Clementini, Gisella*, **127**(2), 938–957
— *see Lee, Jae-Woo*, **128**(5), 2388–2401
Carollo, C. M. — *see Scarlata, C.*, **128**(3), 1124–1137
Carr, Michael A. — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Carranza, Gustavo J. — *see Gimeno, Germán N.*, **128**(1), 62–67
Carraro, Giovanni — Metal Abundances in Extremely Distant Galactic Old Open Clusters. I. Berkeley 29 and Saurer 1 — Giovanni Carraro, Fabio Bresolin, Sandro Villanova, Francesca Matteucci, Ferdinando Patat, and Martino Romaniello; **128**(4), 1676–1683
Carruba, V. — Chaos and the Effects of Planetary Migration on the Orbit of S/2000 S5 Kiviuq — V. Carruba, D. Nesvorný, J. A. Burns, M. Čuk, and K. Tsiganis; **128**(4), 1899–1915
Casperson, D. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Castander, Francisco J. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Castellani, V. — *see Brocato, E.*, **128**(4), 1597–1605
Castro Cerón, J. M. — *see Klose, S.*, **128**(5), 1942–1954
Castro-Tirado, A. J. — *see Klose, S.*, **128**(5), 1942–1954
Catchpole, Robin — *see Gregg, Michael D.*, **127**(3), 1441–1459
Cavallo, Robert M. — Hydra Observations of Aluminum Abundances in the Red Giants of the Globular Clusters M80 and NGC 6752 — Robert M. Cavallo, Nicholas B. Suntzeff, and Catherine A. Pilachowski; **127**(6), 3411–3421
Cawthorne, Timothy V. — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Cepa, J. — *see del Río, M. S.*, **128**(1), 89–102
Chaffee, Frederic H. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Chakrabarty, Dalia — An Inverse-Problem Approach to Cluster Dynamics — Dalia Chakrabarty and Simon Portegies Zwart; **128**(3), 1046–1057
Chakraborty, Abhijit — Unveiling SU Aurigae in the Near-Infrared: New High Spatial Resolution Results Using Adaptive Optics — Abhijit Chakraborty and Jian Ge; **127**(5), 2898–2903
Challis, Peter — *see Holland, Stephen T.*, **128**(5), 1955–1964
Charbonnel, Corinne — *see Tautvaišienė, Gražina*, **127**(1), 373–379
Charlot, P. — *see Fey, A. L.*, **127**(6), 3587–3608
Chartas, G. — *see Bassett, L. C.*, **128**(2), 523–533
Chassagne, Robin — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Chávez, M. — *see Bertone, E.*, **128**(2), 829–841
Chen, Alfred Bing-Chih — *see Du, Cui-Hua*, **128**(5), 2265–2273
Chen, Bing — *see Szkody, Paula*, **128**(5), 2443–2447
Chen, C.-W. — *see Chen, W.-P.*, **128**(5), 2306–2315
Chen, Hsiao-Wen — *see Abraham, Roberto G.*, **127**(5), 2455–2483
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Chen, Jian-Sheng — *see Zhang, Haotong*, **127**(5), 2579–2597
— *see Zhou, Xu*, **127**(6), 3642–3652
— *see Du, Cui-Hua*, **128**(5), 2265–2273
Chen, W.-P. — Morphology of Galactic Open Clusters — W.-P. Chen, C.-W. Chen, and C.-G. Shu; **128**(5), 2306–2315
Chen, Wen-Ping — *see Zhou, Xu*, **127**(6), 3642–3652
Cheng, E. S. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Cheng, Fuhua — *see Sion, Edward M.*, **128**(4), 1834–1839
Chiu, K. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Chiu, Kuenley — *see Zheng, Wei*, **127**(2), 656–659
Chomiuk, Laura — *see Gronwall, Caryl*, **127**(4), 1943–1958
Christopher, M. — *see Farihi, J.*, **128**(4), 1868–1871
Chu, You-Hua — *see Lowry, Justin D.*, **127**(1), 125–130
— Hard X-Ray Emission Associated with White Dwarfs. II. — You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, and Ronald F. Webbink; **127**(1), 477–480
— The Nature of SN 1961V — You-Hua Chu, Robert A. Gruendl, Christopher J. Stockdale, Michael P. Rupen, John J. Cowan, and Scott W. Teare; **127**(5), 2850–2855
— *see Guerrero, Martín A.*, **128**(4), 1694–1704
— *see Guerrero, Martín A.*, **128**(4), 1705–1710
— *see Goldman, Daniel B.*, **128**(4), 1711–1715
— The Nebular Environment and Enigmatic Hard X-Ray Emission of the Hot DO White Dwarf KPD 0005+5106 — You-Hua Chu, Robert A. Gruendl, Rosa M. Williams, Theodore R. Gull, and Klaus Werner; **128**(5), 2357–2363
Chun, M.-S. — *see Kyeong, J.-M.*, **128**(5), 2331–2338
Chun, Moo-Young — *see Sung, Hwankyung*, **128**(4), 1684–1693
Chung, Aeree — Stellar Kinematics of Boxy Bulges: Large-Scale Bars and Inner Disks — Aeree Chung and M. Bureau; **127**(6), 3192–3212
Ciardullo, Robin — *see Gronwall, Caryl*, **128**(2), 644–661
Ciliegi, P. — *see Schinnerer, E.*, **128**(5), 1974–1989
Ciroi, S. — *see Botte, V.*, **127**(6), 3168–3179
Clampin, M. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Clampin, Mark — *see Golimowski, David A.*, **128**(4), 1733–1747
Claret, Antonio — *see Lacy, Claud H. Sandberg*, **128**(3), 1324–1330
— *see Lacy, Claud H. Sandberg*, **128**(3), 1340–1347
— *see Lacy, Claud H. Sandberg*, **128**(4), 1840–1846
— *see Lacy, Claud H. Sandberg*, **128**(6), 3005–3011
Clark, B. E. — Spectroscopy of X-Type Asteroids — B. E. Clark, S. J. Bus, A. S. Rivkin, M. K. Shepard, and S. Shah; **128**(6), 3070–3081
Clark, L. Lee — The Blue Straggler and Main-Sequence Binary Population of the Low-Mass Globular Cluster Palomar 13 — L. Lee Clark, Eric L. Sandquist, and Michael Bolte; **128**(6), 3019–3033
Clarke, T. E. — *see Lane, W. M.*, **127**(1), 48–52
Claussen, M. J. — *see Johnston, K. J.*, **128**(2), 822–828

Claver, C. F. — *see Kılıç, M.*, **128**(4), 1825–1833
Claver, J. — *see Thim, F.*, **127**(4), 2322–2343
Clayton, Geoffrey C. — Interstellar Polarization in M31 — Geoffrey C. Clayton, Michael J. Wolff, Karl D. Gordon, Paul S. Smith, Kenneth H. Nordsieck, and Brian L. Babler; **127**(6), 3382–3387
— *see Smith, Tracy L.*, **128**(1), 357–362
Clem, James L. — Empirically Constrained Color-Temperature Relations. II. *uvby* — James L. Clem, Don A. VandenBerg, Frank Grundahl, and Roger A. Bell; **127**(2), 1227–1256
Clement, C. M. — *see Alcock, C.*, **127**(1), 334–354
Clementini, Gisella — Image-Subtraction Photometry of the Globular Cluster M3: Identification of New Double-Mode RR Lyrae Stars — Gisella Clementini, T. Michael Corwin, Bruce W. Carney, and Andrew N. Sumerel; **127**(2), 938–957
Clocchiatti, Alejandro — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Cocchia, F. — *see La Franca, F.*, **127**(6), 3075–3088
Cochran, William D. — *see Paulson, Diane B.*, **127**(3), 1644–1652
— *see Paulson, Diane B.*, **127**(6), 3579–3586
Coe, D. — *see Mieske, S.*, **128**(4), 1529–1540
Cohen, Judith G. — Palomar 12 as a Part of the Sagittarius Stream: The Evidence from Abundance Ratios — Judith G. Cohen; **127**(3), 1545–1554
— *see Briley, Michael M.*, **127**(3), 1579–1587
Cohen, Martin — *Hubble Space Telescope* Imaging of HD 44179, the Red Rectangle — Martin Cohen, Hans Van Winckel, Howard E. Bond, and T. R. Gull; **127**(4), 2362–2377
Cohen, Roger E. — A Multiyear Photometric Study of IC 348 — Roger E. Cohen, William Herbst, and Eric C. Williams; **127**(3), 1602–1621
Coil, Alison L. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Coleman, Matthew — Shell Structure in the Fornax Dwarf Spheroidal Galaxy — Matthew Coleman, G. S. Da Costa, Joss Bland-Hawthorn, David Martínez-Delgado, Kenneth C. Freeman, and David Malin; **127**(2), 832–839
Colina, Luis — *see Arribas, Santiago*, **127**(5), 2522–2543
Collinge, M. J. — *see Kaspi, Shai*, **127**(5), 2631–2640
Comerón, F. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Condon, J. J. — *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
— *see Wrobel, J. M.*, **128**(1), 103–108
Conley, A. — *see Garavini, G.*, **128**(1), 387–404
Connolly, A. J. — *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Yip, C.-W.*, **128**(2), 585–609
— *see Yip, C.-W.*, **128**(6), 2603–2630
Conrad, Al — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Conselice, Christopher J. — *see Stanford, S. A.*, **127**(1), 131–155
— *see Calzetti, Daniela*, **127**(3), 1405–1430
Conti, Peter — *see Indebetouw, Rémy*, **128**(5), 2206–2233
Cook, K. H. — *see Alcock, C.*, **127**(1), 334–354
Cool, R. — *see Bloom, S. D.*, **128**(1), 56–61
Cooper, Ariana S. — *see Hopkins, Philip F.*, **128**(3), 1112–1123
Cooper, Michael C. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Cooper, N. J. — Dynamical Influences on the Orbits of Prometheus and Pandora — N. J. Cooper and C. D. Murray; **127**(2), 1204–1217
Coppi, P. — *see Vivas, A. K.*, **127**(2), 1158–1175
Corwin, T. Michael — *see Clementini, Gisella*, **127**(2), 938–957
Côté, Patrick — *see Jordán, Andrés*, **127**(1), 24–47
Côté, Stéphanie — *see Jackson, Dale C.*, **128**(3), 1219–1227
Covey, Kevin — *see Szkody, Paula*, **128**(4), 1882–1893
Covey, Kevin R. — *see West, Andrew A.*, **128**(1), 426–436
— *see Reid, I. Neill*, **128**(1), 463–483
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Covino, S. — *see Klose, S.*, **128**(5), 1942–1954
Cowan, John J. — *see Chu, You-Hua*, **127**(5), 2850–2855
Cowie, L. L. — *see Capak, P.*, **127**(1), 180–198
— A Large Sample of Spectroscopic Redshifts in the ACS-GOODS Region of the Hubble Deep Field North — L. L. Cowie, A. J. Barger, E. M. Hu, P. Capak, and A. Songaila; **127**(6), 3137–3145
— *see Steffen, A. T.*, **128**(4), 1483–1500
— *see Yang, Y.*, **128**(4), 1501–1523
Cowie, Lennox L. — *see Hu, Esther M.*, **127**(2), 563–575
— *see Sato, Yasunori*, **127**(3), 1285–1304
— *see Wirth, Gregory D.*, **127**(6), 3121–3136
Cowley, A. P. — *see Schmidtke, P. C.*, **127**(1), 469–476
— *see Schmidtke, P. C.*, **127**(6), 3388–3393
— The Orbital Period of SMC X-3 from Optical Photometry — A. P. Cowley and P. C. Schmidtke; **128**(2), 709–711
Cox, A. L. — Radio Continuum Emission in Polar Ring Galaxies — A. L. Cox and L. S. Sparke; **128**(5), 2013–2021
Cox, Pierre — *see Carilli, C. L.*, **128**(3), 997–1001
Coziol, R. — The Relation between Galaxy Activity and the Dynamics of Compact Groups of Galaxies — R. Coziol, E. Brinks, and H. Bravo-Alfaro; **128**(1), 68–88
Crampton, D. — *see Schmidtke, P. C.*, **127**(1), 469–476
Crampton, David — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Crane, Jeffrey D. — *see Majewski, Steven R.*, **128**(1), 245–259
Cristiani, Stefano — *see Grazian, Andrea*, **127**(2), 592–605
Cristóbal-Hornillos, David — *see Miyaji, Takamitsu*, **127**(6), 3180–3191
Cross, N. J. G. — *see Mieske, S.*, **128**(4), 1529–1540
— The Luminosity Function of Early-Type Field Galaxies at $z \approx 0.75$ — N. J. G. Cross, R. J. Bouwens, N. Benítez, J. P. Blakeslee, F. Menanteau, H. C. Ford, T. Goto, B. Holden, A. R. Martel, A. Zirm, R. Overzier, C. Gronwall, N. Homeier, M. Clampin, G. F. Hartig, G. D. Illingworth, D. R. Ardila, F. Bartko, T. J. Broadhurst, R. A. Brown, C. J. Burrows, E. S. Cheng, P. D. Feldman, M. Franx, D. A. Golimowski, L. Infante, R. A. Kimble, J. E. Krist, M. P. Lesser, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(5), 1990–2012
Cruz, Kelle L. — *see Burgasser, Adam J.*, **127**(5), 2856–2870
— *see Reid, I. Neill*, **128**(1), 463–483
Cruz-González, Irene — *see Hiriart, David*, **128**(6), 2917–2931
Csabai, I. — *see Yip, C.-W.*, **128**(2), 585–609
Csabai, István — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Cuisinier, François — *see Kehrig, Carolina*, **128**(3), 1141–1151
Ćuk, M. — *see Carruba, V.*, **128**(4), 1899–1915
Ćuk, Matija — On the Secular Behavior of Irregular Satellites — Matija Ćuk and Joseph A. Burns; **128**(5), 2518–2541
Cuntz, Manfred — *see O'Neal, Douglas*, **128**(4), 1802–1811
Curiel, S. — *see Girart, J. M.*, **127**(5), 2969–2977
Currie, Douglas G. — *see Dorland, Bryan N.*, **127**(2), 1052–1058
— *see Pascu, Dan*, **127**(5), 2988–2996
Cutri, Roc M. — *see Francis, Paul J.*, **127**(2), 646–655

D

Da Costa, G. S. — *see Pritzl, Barton J.*, **127**(1), 318–333
— *see Coleman, Matthew*, **127**(2), 832–839
Dahlén, T. — *see Garavini, G.*, **128**(1), 387–404
Dahm, S. E. — *see Herbig, G. H.*, **128**(3), 1233–1253
Dale, D. A. — *see Bloom, S. D.*, **128**(1), 56–61
Danese, L. — *see La Franca, F.*, **127**(6), 3075–3088
Davidge, T. J. — Stars, Star Clusters, and Dust in NGC 3077 — T. J. Davidge; **127**(3), 1460–1471
— The Metal-poor Inner Spheroid Globular Cluster NGC 6558 — T. J. Davidge, M. Ledlow, and P. Puxley; **128**(1), 300–311
Davies, Roger L. — *see Smith, Russell J.*, **128**(4), 1558–1569
Davis, Marc — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Davis, S. — *see Richer, H. B.*, **127**(5), 2771–2792
Dawson, P. C. — Barnard's Star and the M Dwarf Temperature Scale — P. C. Dawson and M. M. De Robertis; **127**(5), 2909–2914
de Blok, W. J. G. — *see Koribalski, B. S.*, **128**(1), 16–46
DeBond, Heide — *see Pych, Wojtek*, **127**(3), 1712–1719
De Breuck, Carlos — *see Bornancini, Carlos G.*, **127**(2), 679–685
de Carvalho, R. R. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
— *see Gal, R. R.*, **128**(6), 3082–3091
— *see Odewahn, S. C.*, **128**(6), 3092–3107
de Grijs, R. — *see Matthews, L. D.*, **128**(1), 137–162
de Haas, Ernst — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Dehnen, Walter — Modeling the Disruption of the Globular Cluster Palomar 5 by Galactic Tides — Walter Dehnen, Michael Odenkirchen, Eva K. Grebel, and Hans-Walter Rix; **127**(5), 2753–2770
de la Reza, Ramiro — On the Rotation of Post–T Tauri Stars in Associations — Ramiro de la Reza and Giovanni Pinzón; **128**(4), 1812–1824
Delfosse, Xavier — *see Martín, Eduardo L.*, **127**(1), 449–454
Delgado, Antonio J. — Photometric and Spectroscopic Study of Stars in the Field of the Young Open Cluster Roslund 4 — Antonio J. Delgado, Luis F. Miranda, Matilde Fernández, and Emilio J. Alfaro; **128**(1), 330–342
Della Ceca, R. — *see Rosati, P.*, **127**(1), 230–238
Della Prugna, F. — *see Vivas, A. K.*, **127**(2), 1158–1175

Delmotte, N. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
del Río, M. S. — High-Resolution H I Observations of the Galaxy NGC 404: A Dwarf S0 with Abundant Interstellar Gas — M. S. del Río, E. Brinks, and J. Cepa; **128**(1), 89–102
Demarco, R. — *see Rosati, P.*, **127**(1), 230–238
de Pater, Imke — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
DePoy, D. L. — *see Burke, Christopher J.*, **127**(4), 2382–2397
DePoy, Darren L. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
De Robertis, M. M. — *see Dawson, P. C.*, **127**(5), 2909–2914
Dettmar, Ralf-Jürgen — *see Rossa, Jörn*, **128**(2), 674–686
de Ugarte Postigo, A. — *see Klose, S.*, **128**(5), 1942–1954
Deustua, S. E. — *see Garavini, G.*, **128**(1), 387–404
Devine, K. E. — *see Brogan, C. L.*, **127**(1), 355–367
de Vries, W. H. — Optical Properties of Faint FIRST Variable Radio Sources — W. H. de Vries, R. H. Becker, R. L. White, and D. J. Helfand; **127**(5), 2565–2578
de Vries, Wim — *see Bornancini, Carlos G.*, **127**(2), 679–685
Dey, A. — *see Wang, J.-X.*, **127**(1), 213–229
Diaferio, Antonaldo — *see Rines, Kenneth*, **128**(3), 1078–1111
Díaz, A. I. — *see Hoyos, C.*, **128**(4), 1541–1551
Díaz, Rubén J. — *see Gimeno, Germán N.*, **128**(1), 62–67
Dickinson, M. — *see Capak, P.*, **127**(1), 180–198
— *see Holden, B. P.*, **127**(5), 2484–2510
Dickinson, Mark — *see Stanford, S. A.*, **127**(1), 131–155
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Dieterich, Sergio — *see Golimowski, David A.*, **128**(4), 1733–1747
Di Mille, F. — *see Botte, V.*, **127**(6), 3168–3179
Dinescu, Dana I. — *see Girard, Terrence M.*, **127**(5), 3060–3071
— Absolute Proper Motion of the Fornax Dwarf Spheroidal Galaxy from Photographic and *Hubble Space Telescope* WFPC2 Data — Dana I. Dinescu, Brian A. Keeney, Steven R. Majewski, and Terrence M. Girard; **128**(2), 687–699
Dirsch, B. — *see Richtler, T.*, **127**(4), 2094–2113
— The Globular Cluster System of NGC 1399. III. VLT Spectroscopy and Database — B. Dirsch, T. Richtler, D. Geisler, K. Gebhardt, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2114–2132
Disney, M. J. — *see Koribalski, B. S.*, **128**(1), 16–46
Djorgovski, S. G. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
— *see Gal, R. R.*, **128**(6), 3082–3091
— *see Odewahn, S. C.*, **128**(6), 3092–3107
Doane, N. E. — The Origin and Distribution of Diffuse Hot Gas in the Spiral Galaxy NGC 3184 — N. E. Doane, W. T. Sanders, E. M. Wilcots, and M. Juda; **128**(6), 2712–2723
Docobo, J. A. — Binary Star Speckle Interferometry: Measurements and Orbits — J. A. Docobo, M. Andrade, J. F. Ling, C. Prieto, V. S. Tamazian, Yu. Yu. Balega, J. Blanco, A. F. Maximov, J. F. Lahulla, and C. Alvarez; **127**(2), 1181–1186
Dodson, Richard G. — *see Ojha, Roopesh*, **127**(6), 3609–3621
Doi, Mamoru — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Doi, Takao — Internal Velocities in the Orion Nebula: Large Radial Velocity Features — Takao Doi, C. R. O'Dell, and Patrick Hartigan; **127**(6), 3456–3478
Dolphin, A. — *see Thim, F.*, **127**(4), 2322–2343
Dolphin, Andrew E. — Short-Period Variable Stars in the M31 Halo — Andrew E. Dolphin, A. Saha, Edward W. Olszewski, Frank Thim, Evan D. Skillman, J. S. Gallagher, and John Hoessel; **127**(2), 875–896
Dominici, T. P. — Long-Term Optical Variability of the Blazars PKS 2005−489 and PKS 2155−304 — T. P. Dominici, Z. Abraham, R. Teixeira, and P. Benevides-Soares; **128**(1), 47–55
Dones, Luke — *see Nesvorný, David*, **127**(3), 1768–1783
— *see Levison, Harold F.*, **128**(5), 2553–2563
Dong, Feng — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Donley, Jennifer L. — *see Fan, Xiaohui*, **128**(2), 515–522
Dopita, Michael A. — *see Drake, Catherine L.*, **128**(3), 955–968
— *see Drake, Catherine L.*, **128**(3), 969–984
Dorland, Bryan N. — Did η Carinae's Weigelt Blobs Originate circa 1941? — Bryan N. Dorland, Douglas G. Currie, and Arsen R. Hajian; **127**(2), 1052–1058
Downes, Ronald A. — Faint High-Latitude Carbon Stars Discovered by the Sloan Digital Sky Survey: An Initial Catalog — Ronald A. Downes, Bruce Margon, Scott F. Anderson, Hugh C. Harris, G. R. Knapp, Josh Schroeder, Donald P. Schneider, Donald G. York, Jeffrey R. Pier, and J. Brinkmann; **127**(5), 2838–2849
— Far-Ultraviolet Observations of RR Lyrae Stars in the Core of NGC 1851 — Ronald A. Downes, Bruce Margon, Lee Homer, and Scott F. Anderson; **128**(5), 2288–2294
Drake, A. J. — *see Alcock, C.*, **127**(1), 334–354
Drake, Catherine L. — Radio-Excess *IRAS* Galaxies. II. Host Galaxies — Catherine L. Drake, Peter J. McGregor, and Michael A. Dopita; **128**(3), 955–968
— Radio-Excess *IRAS* Galaxies. III. Radio Properties — Catherine L. Drake, Geoffrey V. Bicknell, Peter J. McGregor, and Michael A. Dopita; **128**(3), 969–984
Dressel, L. — *see Scarlata, C.*, **128**(3), 1124–1137
Dressler, Alan — *see Morgan, Nicholas D.*, **127**(5), 2617–2630
Drinkwater, M. J. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Drozdovsky, I. O. — *see Karataeva, G. M.*, **127**(2), 789–797
Du, Cui-Hua — The Metallicity Distribution of F/G Dwarfs Derived from BATC Survey Data — Cui-Hua Du, Xu Zhou, Jun Ma, Jian-Rong Shi, Alfred Bing-Chih Chen, Zhao-Ji Jiang, and Jian-Sheng Chen; **128**(5), 2265–2273
Dufour, Reginald J. — *see Moore, Brian D.*, **127**(6), 3484–3492
Duncan, Martin — *see Wiegert, Paul*, **127**(2), 1218–1226
Duncan, Martin J. — *see Lepage, Ian*, **127**(3), 1755–1767
Dupczak, K. — *see Bloom, S. D.*, **128**(1), 56–61
Duric, N. — *see Nord, Michael E.*, **128**(4), 1646–1670
Durrell, Patrick R. — Photometry and the Metallicity Distribution of the Outer Halo of M31. II. The 30 Kiloparsec Field — Patrick R. Durrell, William E. Harris, and Christopher J. Pritchet; **128**(1), 260–270
Dyer, K. K. — *see Brogan, C. L.*, **127**(1), 355–367

E

Edmunds, Michael G. — *see Garnett, Donald R.*, **128**(6), 2772–2782
Egami, Eiichi — *see Morgan, Nicholas D.*, **127**(5), 2617–2630
Eggers, D. — *see Weistrop, D.*, **127**(3), 1360–1370
Eisenhardt, P. — *see Rosati, P.*, **127**(1), 230–238
— *see Holden, B. P.*, **127**(5), 2484–2510
Eisenhardt, Peter R. — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Eisenstein, Daniel — *see Richards, Gordon T.*, **127**(3), 1305–1312
Eisenstein, Daniel J. — *see Pindor, Bart*, **127**(3), 1318–1324
— *see Bolton, Adam S.*, **127**(4), 1860–1882
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Hall, Patrick B.*, **128**(2), 534–543
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Ekers, R. D. — *see Koribalski, B. S.*, **128**(1), 16–46
Ellingsen, Simon P. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Fey, Alan L.*, **128**(5), 2593–2598
Ellis, R. — *see Garavini, G.*, **128**(1), 387–404
Ellis, Richard — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Ellman, N. — *see Vivas, A. K.*, **127**(2), 1158–1175
Ellman, Nancy — *see Lee, Brian C.*, **127**(4), 1811–1859
Elmegreen, B. G. — *see Block, D. L.*, **128**(1), 183–201
Elmegreen, Bruce G. — *see Hunter, Deidre A.*, **128**(5), 2170–2205
Elmegreen, D. M. — *see Block, D. L.*, **128**(1), 183–201
Elvis, M. — *see Grupe, D.*, **127**(1), 1–9
Elvis, Martin — *see Kaspi, Shai*, **127**(5), 2631–2640
Engelke, Charles — *see Price, S. D.*, **128**(2), 889–910
Epps, Harland W. — *see Stocke, John T.*, **127**(3), 1336–1343
Erwin, Peter — *see Trujillo, I.*, **127**(4), 1917–1942
Escapa, Alberto — *see Ferrándiz, José M.*, **128**(3), 1407–1411
Espinoza, Juan — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Ettori, S. — *see Rosati, P.*, **127**(1), 230–238
Evans, Michael L. — *see Abazajian, Kevork*, **128**(1), 502–512

F

Fabbro, S. — *see Garavini, G.*, **128**(1), 387–404
Faber, S. M. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Fabian, Dirk — *see Pisano, D. J.*, **127**(1), 199–212
Fadda, Dario — The *Spitzer Space Telescope* First-Look Survey: KPNO Mosaic-1 *R*-Band Images and Source Catalogs — Dario Fadda, Buell T. Jannuzi, Alyson Ford, and Lisa J. Storrie-Lombardi; **128**(1), 1–15
Fahlman, G. G. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Fahlman, Greg G. — *see Ferdman, Robert D.*, **127**(1), 380–393
Fahlman, Gregory G. — *see Lee, Kang Hwan*, **128**(6), 2838–2846
Fajardo-Acosta, Sergio — *see Knacke, Roger*, **128**(6), 2977–2980

Fan, X. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Garavini, G.*, **128**(1), 387–404
— *see Carilli, C. L.*, **128**(3), 997–1001
Fan, Xiaohui — *see Richards, Gordon T.*, **127**(3), 1305–1312
— *see Abazajian, Kevork*, **128**(1), 502–512
— A Survey of $z > 5.7$ Quasars in the Sloan Digital Sky Survey. III. Discovery of Five Additional Quasars — Xiaohui Fan, Joseph F. Hennawi, Gordon T. Richards, Michael A. Strauss, Donald P. Schneider, Jennifer L. Donley, Jason E. Young, James Annis, Huan Lin, Hubert Lampeitl, Robert H. Lupton, James E. Gunn, Gillian R. Knapp, W. N. Brandt, Scott Anderson, Neta A. Bahcall, Jon Brinkmann, Robert J. Brunner, Masataka Fukugita, Alexander S. Szalay, Gyula P. Szokoly, and Donald G. York; **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Fanelli, Michael N. — *see Marcum, Pamela M.*, **127**(6), 3213–3234
Farihi, J. — A Possible Brown Dwarf Companion to the White Dwarf GD 1400 — J. Farihi and M. Christopher; **128**(4), 1868–1871
Faulkner, Danny R. — *see Samec, Ronald G.*, **128**(6), 2997–3004
Feissel-Vernier, M. — *see Fey, A. L.*, **127**(6), 3587–3608
Fekel, Francis C. — *see Henry, Gregory W.*, **127**(3), 1720–1726
— Chromospherically Active Stars. XXII. HD 18955, a Massive K Dwarf Binary — Francis C. Fekel, Gregory W. Henry, and Frank M. Alston; **127**(4), 2303–2309
— Chromospherically Active Stars. XXIII. The Triple System HD 7205 = QU Andromedae — Francis C. Fekel; **127**(5), 2931–2935
Feldman, P. D. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Ferdman, Robert D. — Searching for Variability in the Globular Cluster Messier 4 — Robert D. Ferdman, Harvey B. Richer, James Brewer, Greg G. Fahlman, Brad K. Gibson, Brad M. S. Hansen, Mark E. Huber, Rodrigo A. Ibata, Jasonjot S. Kalirai, Jaymie M. Matthews, R. Michael Rich, Jason F. Rowe, Michael M. Shara, and Peter B. Stetson; **127**(1), 380–393
Ferguson, H. C. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
Ferguson, Henry C. — *see Stanford, S. A.*, **127**(1), 131–155
— *see Gregg, Michael D.*, **127**(3), 1441–1459
— *see Brown, Thomas M.*, **127**(5), 2738–2752
Fernandez, E. — *see Capak, P.*, **127**(1), 180–198
Fernández, Matilde — *see Delgado, Antonio J.*, **128**(1), 330–342
Fernández, Yanga R. — *see Hsieh, Henry H.*, **127**(5), 2997–3017
Ferrándiz, José M. — Precession of the Nonrigid Earth: Effect of the Fluid Outer Core — José M. Ferrándiz, Juan F. Navarro, Alberto Escapa, and Juan Getino; **128**(3), 1407–1411
Ferrario, Lilia — *see Hoard, D. W.*, **128**(4), 1894–1898
Ferrín, I. — *see Vivas, A. K.*, **127**(2), 1158–1175
Fey, A. L. — The Second Extension of the International Celestial Reference Frame: ICRF-Ext.2 — A. L. Fey, C. Ma, E. F. Arias, P. Charlot, M. Feissel-Vernier, A.-M. Gontier, C. S. Jacobs, J. Li, and D. S. MacMillan; **127**(6), 3587–3608
— *see Johnston, K. J.*, **128**(2), 822–828
Fey, Alan L. — Accurate Astrometry of 22 Southern Hemisphere Radio Sources — Alan L. Fey, Roopesh Ojha, David L. Jauncey, Kenneth J. Johnston, John E. Reynolds, James E. J. Lovell, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Peter M. McCulloch, and Yasuhiro Koyama; **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(4), 1977–1981
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Ojha, Roopesh*, **128**(4), 1570–1587
— Astrometry of 25 Southern Hemisphere Radio Sources from a VLBI Short-Baseline Survey — Alan L. Fey, Roopesh Ojha, John E. Reynolds, Simon P. Ellingsen, Peter M. McCulloch, David L. Jauncey, and Kenneth J. Johnston; **128**(5), 2593–2598
Field-Pollatou, Angeliki — *see Walter, Frederick M.*, **128**(4), 1872–1879
Finkbeiner, D. — *see Knapp, G. R.*, **127**(6), 3553–3578
Finkbeiner, Douglas P. — *see Abazajian, Kevork*, **128**(1), 502–512
— Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release — Douglas P. Finkbeiner, Nikhil Padmanabhan, David J. Schlegel, Michael A. Carr, James E. Gunn, Constance M. Rockosi, Maki Sekiguchi, Robert H. Lupton, G. R. Knapp, Željko Ivezić, Michael R. Blanton, David W. Hogg, Jennifer K. Adelman-McCarthy, James Annis, Jeffrey Hayes, Ellynne Kinney, Daniel C. Long, Uroš Seljak, Michael A. Strauss, Brian Yanny, Marcel A. Agüeros, Sahar S. Allam, Scott F. Anderson, Neta A. Bahcall, Ivan K. Baldry, Mariangela Bernardi, William N. Boroski, John W. Briggs, J. Brinkmann, Robert J. Brunner, Tamás Budavári, Francisco J. Castander, Kevin R. Covey, István Csabai, Mamoru Doi, Feng Dong, Daniel J. Eisenstein, Xiaohui Fan, Scott D. Friedman, Masataka Fukugita, Bruce Gillespie, Eva K. Grebel, Vijay K. Gurbani, Ernst de Haas, Frederick H. Harris, John S. Hendry, Gregory S. Hennessy, Sebastian Jester, David E. Johnston, Anders M. Jorgensen, Mario Jurić, Stephen M. Kent, Alexei Yu. Kniazev, Jurek Krzesiński, R. French Leger, Huan Lin, Jon Loveday, Ed Mannery, David Martínez-Delgado, Peregrine M. McGehee, Avery Meiksin, Jeffrey A. Munn, Eric H. Neilsen, Jr., Peter R. Newman, Atsuko Nitta, George Pauls, Thomas R. Quinn, R. R. Rafikov, Gordon T. Richards, Michael W. Richmond, Donald P. Schneider, Joshua Schroeder, Kazu Shimasaku, Walter A. Siegmund, J. Allyn Smith, Stephanie A. Snedden, Albert Stebbins, Alexander S. Szalay, Gyula P. Szokoly, Max Tegmark, Douglas L. Tucker, Alan Uomoto, Daniel E. Vanden Berk, David H. Weinberg, Andrew A. West, Naoki Yasuda, D. R. Yocum, Donald G. York, and Idit Zehavi; **128**(5), 2577–2592
Fischer, J. — *see Lazio, T. Joseph W.*, **128**(2), 842–845
Flagg, Laura — *see Mason, Brian D.*, **127**(1), 539–548
— *see Mason, Brian D.*, **128**(6), 3012–3018
Fletcher, S. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Folatelli, G. — *see Garavini, G.*, **128**(1), 387–404
Forbes, Duncan A. — *see Strader, Jay*, **127**(1), 295–301
— The Globular Cluster System of the Canis Major Dwarf Galaxy — Duncan A. Forbes, Jay Strader, and Jean P. Brodie; **127**(6), 3394–3398
— *see Strader, Jay*, **127**(6), 3431–3436
— *see Beasley, Michael A.*, **128**(4), 1623–1645
— *see Howell, Justin H.*, **128**(6), 2749–2757
Ford, Alyson — *see Fadda, Dario*, **128**(1), 1–15
Ford, H. C. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Ford, Holland C. — *see Golimowski, David A.*, **128**(4), 1733–1747
Forster, J. R. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Forte, J. C. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Foster, Tyler J. — *see McCall, Marshall L.*, **128**(1), 375–386
Fouqué, Pascal — *see Gieren, Wolfgang*, **128**(3), 1167–1176
Franceschini, A. — *see La Franca, F.*, **127**(6), 3075–3088
Francis, Paul J. — An Unbiased Census of Active Galactic Nuclei in the Two Micron All Sky Survey — Paul J. Francis, Brant O. Nelson, and Roc M. Cutri; **127**(2), 646–655
Franklin, Fred A. — Hilda Asteroids as Possible Probes of Jovian Migration — Fred A. Franklin, Nikole K. Lewis, Paul R. Soper, and Matthew J. Holman; **128**(3), 1391–1406
Franx, M. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Franz, Otto G. — *see Golimowski, David A.*, **128**(4), 1733–1747
Fraser, Oliver — *see Szkody, Paula*, **128**(4), 1882–1893
— *see Hoard, D. W.*, **128**(4), 1894–1898
Fraser, Oliver J. — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Reid, I. Neill*, **128**(1), 463–483
Frattare, Lisa M. — *see Gronwall, Caryl*, **127**(4), 1943–1958
— *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
Frayer, D. T. — Near-Infrared Colors of Submillimeter-selected Galaxies — D. T. Frayer, N. A. Reddy, L. Armus, A. W. Blain, N. Z. Scoville, and Ian Smail; **127**(2), 728–735
Freedman, W. L. — *see Gallart, C.*, **127**(3), 1486–1501
Freedman, Wendy L. — *see Persson, S. E.*, **128**(5), 2239–2264
Freeman, K. C. — *see Alcock, C.*, **127**(1), 334–354
— *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Freeman, Kenneth C. — *see Coleman, Matthew*, **127**(2), 832–839
— *see Weldrake, David T. F.*, **128**(2), 736–760
Freeman, Tarsh — *see Buta, Ronald J.*, **127**(4), 1982–2001
Fridman, P. A. — *see Baan, W. A.*, **128**(2), 933–949
Friedman, Scott D. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Frieman, J. A. — *see Yip, C.-W.*, **128**(2), 585–609
— *see Yip, C.-W.*, **128**(6), 2603–2630
Frieman, Joshua A. — *see Pindor, Bart*, **127**(3), 1318–1324
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
Frinchaboy, Peter M. — *see Majewski, Steven R.*, **128**(1), 245–259
Frogel, Jay A. — *see Stephens, Andrew W.*, **127**(2), 925–937
Fruchter, A. — *see Klose, S.*, **128**(5), 1942–1954
Frye, B. — *see Garavini, G.*, **128**(1), 387–404
Frye, Brenda — *see Hall, Patrick B.*, **127**(6), 3146–3154

Fujita, Shinobu S. — *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Fukugita, M. — *see Yip, C.-W.*, **128**(2), 585–609
Fukugita, Masataka — *see Nakamura, Osamu*, **127**(5), 2511–2521
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— Spatial Variations of Galaxy Number Counts in the Sloan Digital Sky Survey. I. Extinction, Large-Scale Structure, and Photometric Homogeneity — Masataka Fukugita, Naoki Yasuda, Jon Brinkmann, James E. Gunn, Željko Ivezić, Gillian R. Knapp, Robert Lupton, and Donald P. Schneider; **127**(6), 3155–3160
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Fukushima, Toshio — *see Harada, Wataru*, **127**(1), 531–538
— Efficient Orbit Integration by Linear Transformation for Consistency of Kepler Energy, Full Laplace Integral, and Angular Momentum Vector — Toshio Fukushima; **127**(6), 3638–3641
— Simplification of a Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(2), 920–922
— Further Simplification of the Manifold Correction Method for Orbit Integration — Toshio Fukushima; **128**(3), 1446–1454
— Efficient Orbit Integration by the Orbital Longitude Method Using Antifocal Anomaly — Toshio Fukushima; **128**(3), 1455–1464
— Efficient Integration of Highly Eccentric Orbits by Scaling Methods Applied to Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3114–3122
— Efficient Integration of Highly Eccentric Orbits by Quadruple Scaling for Kustaanheimo-Stiefel Regularization — Toshio Fukushima; **128**(6), 3108–3113
Fulbright, Jon P. — *see Sneden, Christopher*, **127**(4), 2162–2184
Furusawa, Hisanori — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Fynbo, J. P. U. — *see Klose, S.*, **128**(5), 1942–1954

G

Gänsicke, B. T. — *see Hoard, D. W.*, **128**(4), 1894–1898
Gänsicke, Boris T. — *see Sion, Edward M.*, **128**(4), 1795–1801
Gaensler, Bryan M. — *see Winn, Joshua N.*, **128**(6), 2696–2703
Gässler, W. — *see Tokunaga, A. T.*, **127**(1), 444–448
Gal, R. R. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
— The Digitized Second Palomar Observatory Sky Survey (DPOSS). II. Photometric Calibration — R. R. Gal, R. R. de Carvalho, S. C. Odewahn, S. G. Djorgovski, A. Mahabal, R. J. Brunner, and P. A. A. Lopes; **128**(6), 3082–3091
— *see Odewahn, S. C.*, **128**(6), 3092–3107
Gal, Roy R. — *see Abazajian, Kevork*, **128**(1), 502–512
Galazutdinova, O. A. — *see Karataeva, G. M.*, **127**(2), 789–797
Gallagher, J. S. — *see Dolphin, Andrew E.*, **127**(2), 875–896
Gallagher, John S., III — *see Calzetti, Daniela*, **127**(3), 1405–1430
— *see Harbeck, Daniel*, **127**(5), 2711–2722
— *see Hodge, Paul*, **128**(4), i
Gallart, C. — The Variable-Star Population in Phoenix: Coexistence of Anomalous and Short-Period Classical Cepheids and Detection of RR Lyrae Variables — C. Gallart, A. Aparicio, W. L. Freedman, B. F. Madore, D. Martínez-Delgado, and P. B. Stetson; **127**(3), 1486–1501
Gallart, Carme — *see Pont, Frédéric*, **127**(2), 840–860
— *see Aparicio, Antonio*, **128**(3), 1465–1477
Gallimore, Jack F. — Parsec-Scale Radio Structure of the Double Active Nucleus of NGC 6240 — Jack F. Gallimore and Robert Beswick; **127**(1), 239–251
Galt, John — Spectra of Star Formation Regions at the 6.7 GHz Methanol Line — John Galt; **127**(6), 3479–3483
Garavini, G. — Spectroscopic Observations and Analysis of the Peculiar SN 1999aa — G. Garavini, G. Folatelli, A. Goobar, S. Nobili, G. Aldering, A. Amadon, R. Amanullah, P. Astier, C. Balland, G. Blanc, M. S. Burns, A. Conley, T. Dahlén, S. E. Deustua, R. Ellis, S. Fabbro, X. Fan, B. Frye, E. L. Gates, R. Gibbons, G. Goldhaber, B. Goldman, D. E. Groom, J. Haissinski, D. Hardin, I. M. Hook, D. A. Howell, D. Kasen, S. Kent, A. G. Kim, R. A. Knop, B. C. Lee, C. Lidman, J. Mendez, G. J. Miller, M. Moniez, A. Mourão, H. Newberg, P. E. Nugent, R. Pain, O. Perdereau, S. Perlmutter, V. Prasad, R. Quimby, J. Raux, N. Regnault, J. Rich, G. T. Richards, P. Ruiz-Lapuente, G. Sainton, B. E. Schaefer, K. Schahmaneche, E. Smith, A. L. Spadafora, V. Stanishev, N. A. Walton, L. Wang, and W. M. Wood-Vasey; **128**(1), 387–404
Garcia, Michael R. — *see Williams, Benjamin F.*, **128**(4), 1588–1596
García-Lario, P. — *see Manteiga, M.*, **127**(6), 3437–3443
Garg, Arti — *see Raymond, Sean N.*, **127**(5), 2978–2987
Garmire, G. P. — *see Bassett, L. C.*, **128**(2), 523–533
— *see Bauer, F. E.*, **128**(5), 2048–2065
Garnavich, Peter M. — *see Holland, Stephen T.*, **128**(5), 1955–1964
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Garnett, Donald R. — CNO Abundances in Metal-rich Environments: *Infrared Space Observatory* Spectroscopy of Ionized Gas in M51 — Donald R. Garnett, Michael G. Edmunds, Richard B. C. Henry, Bernard E. J. Pagel, and Evan D. Skillman; **128**(6), 2772–2782
Garrett, M. A. — *see Wrobel, J. M.*, **128**(1), 103–108
Garrington, S. T. — *see Beck, Sara C.*, **128**(4), 1552–1557
Garzón, F. — *see Cabrera-Lavers, A.*, **127**(3), 1386–1404
Gáspár, A. — *see Balog, Z.*, **128**(6), 2942–2953
Gates, E. L. — *see Garavini, G.*, **128**(1), 387–404
Gaudi, B. Scott — *see Burke, Christopher J.*, **127**(4), 2382–2397
Gaume, R. A. — *see Johnston, K. J.*, **128**(2), 822–828
Gazeas, Kosmas — *see Pych, Wojtek*, **127**(3), 1712–1719
Ge, Jian — *see Mandell, Avi M.*, **127**(2), 1147–1157
— *see Chakraborty, Abhijit*, **127**(5), 2898–2903
Gear, Walter K. — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Geballe, T. R. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Gebhard, M. — *see Vivas, A. K.*, **127**(2), 1158–1175
Gebhardt, K. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Gebhardt, Karl — *see Rich, R. Michael*, **127**(4), 2139–2144
Gedalin, Michael — *see Griv, Evgeny*, **128**(5), 1965–1973
Geha, M. — *see Alcock, C.*, **127**(1), 334–354
Geisler, D. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Geisler, Doug — *see Tautvaišienė, Gražina*, **127**(1), 373–379
— *see Harris, Gretchen L. H.*, **128**(2), 712–722
— *see Harris, Gretchen L. H.*, **128**(2), 723–735
Gelino, Dawn M. — *see Harrison, Thomas E.*, **127**(1), 460–468
Geller, Margaret J. — *see Brown, Warren R.*, **127**(3), 1555–1566
— *see Kewley, Lisa J.*, **127**(4), 2002–2030
— *see Rines, Kenneth*, **128**(3), 1078–1111
— *see Ramella, Massimo*, **128**(5), 2022–2036
Georgelin, Y. P. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Germany, Lisa M. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Gerssen, J. — *see Scarlata, C.*, **128**(3), 1124–1137
Gerssen, Joris — *Hubble Space Telescope* Observations of NGC 6240: A Case Study of an Ultraluminous Infrared Galaxy with Obscured Activity — Joris Gerssen, Roeland P. van der Marel, David Axon, J. Christopher Mihos, Lars Hernquist, and Joshua E. Barnes; **127**(1), 75–89
Getino, Juan — *see Ferrándiz, José M.*, **128**(3), 1407–1411
Getts, Tracy J. — *see Winn, Joshua N.*, **128**(6), 2696–2703
Ghisellini, G. — *see Klose, S.*, **128**(5), 1942–1954
Giavalisco, M. — *see Capak, P.*, **127**(1), 180–198
Gibbons, R. — *see Garavini, G.*, **128**(1), 387–404
Gibbs, D. G., II — *see Kafka, S.*, **127**(3), 1622–1631
Gibson, B. K. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
— *see Koribalski, B. S.*, **128**(1), 16–46
Gibson, Brad K. — *see Ferdman, Robert D.*, **127**(1), 380–393
Gieren, Wolfgang — The Araucaria Project: An Improved Distance to the Sculptor Spiral Galaxy NGC 300 from Its Cepheid Variables — Wolfgang Gieren, Grzegorz Pietrzyński, Alistair Walker, Fabio Bresolin, Dante Minniti, Rolf-Peter Kudritzki, Andrzej Udalski, Igor Soszyński, Pascal Fouqué, Jesper Storm, and Giuseppe Bono; **128**(3), 1167–1176
— *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825
Gies, Douglas R. — *see Nelan, Edmund P.*, **128**(1), 323–329
Gilbreath, G. C. — *see Tycner, Christopher*, **127**(2), 1194–1203
Gill, E.-M. — *see LaChuyzé, Aaron*, **127**(3), 1653–1663
Gillespie, Bruce — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Gilliland, R. L. — *see Bohlin, R. C.*, **127**(6), 3508–3515
— *see Bohlin, R. C.*, **128**(6), 3053–3060
Gilmore, Gerard — *see Hebb, Leslie*, **128**(6), 2881–2897
Gimeno, Germán N. — Catalog of Double Nucleus Disk Galaxies — Germán N. Gimeno, Rubén J. Díaz, and Gustavo J. Carranza; **128**(1), 62–67

Giovanelli, Riccardo — *see Masters, Karen L.*, **127**(2), 1257
— *see Vogt, Nicole P.*, **127**(6), 3273–3299
— *see Vogt, Nicole P.*, **127**(6), 3300–3324
— *see Vogt, Nicole P.*, **127**(6), 3325–3337
— *see Valotto, Carlos*, **128**(1), 115–120
Girard, T. — *see Vivas, A. K.*, **127**(2), 1158–1175
Girard, Terrence M. — The Southern Proper Motion Program. III. A Near-Complete Catalog to $V = 17.5$ — Terrence M. Girard, Dana I. Dinescu, William F. van Altena, Imants Platais, David G. Monet, and Carlos E. López; **127**(5), 3060–3071
— *see Dinescu, Dana I.*, **128**(2), 687–699
Girart, J. M. — On the Evolutionary State of the Components of the YLW 15 Binary System — J. M. Girart, S. Curiel, L. F. Rodríguez, M. Honda, J. Cantó, Y. K. Okamoto, and S. Sako; **127**(5), 2969–2977
Gisler, G. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Glazebrook, K. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Glazebrook, Karl — *see Abraham, Roberto G.*, **127**(5), 2455–2483
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— Cosmic Star Formation History to $z = 1$ from a Narrow Emission Line–selected Tunable-Filter Survey — Karl Glazebrook, Jeffrey Tober, Scott Thomson, Joss Bland-Hawthorn, and Roberto Abraham; **128**(6), 2652–2659
Godon, Patrick — *see Sion, Edward M.*, **128**(4), 1834–1839
Goldhaber, G. — *see Garavini, G.*, **128**(1), 387–404
Goldman, B. — *see Garavini, G.*, **128**(1), 387–404
Goldman, Daniel B. — Physical Structure of Planetary Nebulae. III. The Large and Evolved NGC 1360 — Daniel B. Goldman, Martín A. Guerrero, You-Hua Chu, and Robert A. Gruendl; **128**(4), 1711–1715
Goldstein, Greg — Variation in Emission and Absorption Lines and Continuum Flux by Orbital Phase in Vela X-1 — Greg Goldstein, David P. Huenemoerder, and David Blank; **127**(4), 2310–2321
Golimowski, D. A. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *L′* and *M′* Photometry of Ultracool Dwarfs — D. A. Golimowski, S. K. Leggett, M. S. Marley, X. Fan, T. R. Geballe, G. R. Knapp, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, W. Zheng, Z. I. Tsvetanov, K. Chiu, K. Glazebrook, E. A. Hoversten, D. P. Schneider, and J. Brinkmann; **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Golimowski, David A. — The Solar Neighborhood. IX. *Hubble Space Telescope* Detections of Companions to Five M and L Dwarfs within 10 Parsecs of the Sun — David A. Golimowski, Todd J. Henry, John E. Krist, Sergio Dieterich, Holland C. Ford, Garth D. Illingworth, David R. Ardila, Mark Clampin, Otto G. Franz, Lawrence H. Wasserman, G. Fritz Benedict, Barbara E. McArthur, and Edmund P. Nelan; **128**(4), 1733–1747
Gómez, José-Luis — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Gontier, A.-M. — *see Fey, A. L.*, **127**(6), 3587–3608
González, David — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Gonzalez, Guillermo — *see Tautvaišienė, Gražina*, **127**(1), 373–379
González, Luis — *see Krisciunas, Kevin*, **127**(3), 1664–1681
González, Sergio — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Goobar, A. — *see Garavini, G.*, **128**(1), 387–404
Good, S. A. — *see Sing, D. K.*, **127**(5), 2936–2947
Goodman, Jeremy — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
Goodrich, Robert W. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Gordon, Karl D. — *see Clayton, Geoffrey C.*, **127**(6), 3382–3387
— *see Calvet, Nuria*, **128**(3), 1294–1318
Gorosabel, J. — *see Klose, S.*, **128**(5), 1942–1954
Goss, W. M. — *see Cappa, C.*, **127**(5), 2885–2897
— *see Herrnstein, Robeson M.*, **127**(6), 3399–3410
— *see Brogan, C. L.*, **128**(2), 700–708
Goto, T. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Goto, Tomotsugu — *see Tanaka, Masayuki*, **128**(6), 2677–2695
Gottesman, Stephen T. — *see Iyer, Mansie G.*, **128**(3), 985–996
Graham, Alister W. — *see Trujillo, I.*, **127**(4), 1917–1942
Gray, Jim — *see Abazajian, Kevork*, **128**(1), 502–512
Grazian, Andrea — The Asiago-ESO/RASS QSO Survey. III. Clustering Analysis and Theoretical Interpretation — Andrea Grazian, Mattia Negrello, Lauro Moscardini, Stefano Cristiani, Martin G. Haehnelt, Sabino Matarrese, Alessandro Omizzolo, and Eros Vanzella; **127**(2), 592–605
Grebel, E. K. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Grebel, Eva K. — *see Kniazev, Alexei Yu.*, **127**(2), 704–727
— *see Briley, Michael M.*, **127**(3), 1588–1593
— *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Harbeck, Daniel*, **127**(5), 2711–2722
— *see Dehnen, Walter*, **127**(5), 2753–2770
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Stolte, Andrea*, **128**(2), 765–786
— *see Zaritsky, Dennis*, **128**(4), 1606–1614
— *see Koch, Andreas*, **128**(5), 2274–2287
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Green, A. J. — *see Koribalski, B. S.*, **128**(1), 16–46
— *see Brogan, C. L.*, **128**(2), 700–708
Greene, Thomas P. — *see Wilking, Bruce A.*, **127**(2), 1131–1146
— *see Haisch, Karl E., Jr.*, **127**(3), 1747–1754
Gregg, Michael D. — *see Pindor, Bart*, **127**(3), 1318–1324
— Resolving the Stellar Population of the Standard Elliptical Galaxy NGC 3379 — Michael D. Gregg, Henry C. Ferguson, Dante Minniti, Nial Tanvir, and Robin Catchpole; **127**(3), 1441–1459
Greiner, J. — *see Klose, S.*, **128**(5), 1942–1954
Griest, K. — *see Alcock, C.*, **127**(1), 334–354
Griffin, Ian — *see Noll, Keith S.*, **128**(5), 2547–2552
Griffiths, Richard E. — *see Miyaji, Takamitsu*, **127**(6), 3180–3191
Griv, Evgeny — Changes of Angular Momentum and Entropy Induced by Jeans-unstable Density Waves in Stellar Disks of Flat Galaxies — Evgeny Griv and Michael Gedalin; **128**(5), 1965–1973
Grocholski, Aaron J. — *see Sarajedini, Ata*, **127**(2), 991–999
Gronwall, C. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Gronwall, Caryl — *see Melbourne, Jason*, **127**(2), 686–703
— The KPNO International Spectroscopic Survey. IV. Hα-selected Survey List 2 — Caryl Gronwall, John J. Salzer, Vicki L. Sarajedini, Anna Jangren, Laura Chomiuk, J. Ward Moody, Lisa M. Frattare, and Todd A. Boroson; **127**(4), 1943–1958
— *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
— Spectroscopy of KISS Emission-Line Galaxy Candidates. II. Hobby-Eberly Telescope Observations — Caryl Gronwall, Anna Jangren, John J. Salzer, Jessica K. Werk, and Robin Ciardullo; **128**(2), 644–661
Groom, D. E. — *see Garavini, G.*, **128**(1), 387–404
Gruendl, Robert A. — *see Lowry, Justin D.*, **127**(1), 125–130
— *see Chu, You-Hua*, **127**(1), 477–480
— *see Chu, You-Hua*, **127**(5), 2850–2855
— *see Goldman, Daniel B.*, **128**(4), 1711–1715
— *see Chu, You-Hua*, **128**(5), 2357–2363
Grundahl, Frank — *see Clem, James L.*, **127**(2), 1227–1256
Grundy, Will M. — *see Noll, Keith S.*, **128**(5), 2547–2552
Grupe, D. — *XMM-Newton* Observations of Two High-Redshift Quasars: RX J1028–0844 and BR 0351–1034 — D. Grupe, S. Mathur, B. Wilkes, and M. Elvis; **127**(1), 1–9
— Markarian 1239: A Highly Polarized Narrow-Line Seyfert 1 Galaxy with a Steep X-Ray Spectrum and Strong Ne IX Emission — D. Grupe, S. Mathur, and S. Komossa; **127**(6), 3161–3167
— *Chandra* Observations of the Narrow-Line Seyfert 1 Galaxy RX J2217.9−5941 — D. Grupe, K. M. Leighly, V. Burwitz, P. Predehl, and S. Mathur; **128**(4), 1524–1528
Grupe, Dirk — A Complete Sample of Soft X-Ray–selected AGNs. I. The Data — Dirk Grupe, Beverley J. Wills, Karen M. Leighly, and Helmut Meusinger; **127**(1), 156–179
— A Complete Sample of Soft X-Ray–selected AGNs. II. Statistical Analysis — Dirk Grupe; **127**(4), 1799–1810
Gruppioni, C. — *see La Franca, F.*, **127**(6), 3075–3088
Guenther, E. — *see Klose, S.*, **128**(5), 1942–1954
Guerrero, Martín A. — *see Lowry, Justin D.*, **127**(1), 125–130
— *see Chu, You-Hua*, **127**(1), 477–480
— Menzel 3: A Multipolar Nebula in the Making — Martín A. Guerrero, You-Hua Chu, and Luis F. Miranda, **128**(4), 1694–1704
— Physical Structure of Planetary Nebulae. II. NGC 7662 — Martín A. Guerrero, Elizabeth G. Jaxon, and You-Hua Chu; **128**(4), 1705–1710
— *see Goldman, Daniel B.*, **128**(4), 1711–1715
Guetter, H. H. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Guhathakurta, P. — *see Melbourne, J.*, **128**(1), 271–286
Guhathakurta, Puragra — *see Reitzel, David B.*, **127**(4), 2133–2138
— *see Rich, R. Michael*, **127**(4), 2139–2144
— *see Sneden, Christopher*, **127**(4), 2162–2184
Guieu, Sylvain — *see Martín, Eduardo L.*, **127**(1), 449–454

Guinan, Edward F. — *see Kang, Young Woon,* **128**(2), 846–857
Gull, T. R. — *see Cohen, Martin,* **127**(4), 2362–2377
Gull, Theodore R. — *see Chu, You-Hua,* **128**(5), 2357–2363
Gunn, J. E. — *see Knapp, G. R.,* **127**(6), 3553–3578
Gunn, James E. — *see Fukugita, Masataka,* **127**(6), 3155–3160
— *see Abazajian, Kevork,* **128**(1), 502–512
— *see Fan, Xiaohui,* **128**(2), 515–522
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Gupta, V. — *see Woźniak, P. R.,* **128**(6), 2965–2976
Gurbani, Vijay K. — *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Guzmán, R. — *see Hoyos, C.,* **128**(4), 1541–1551

H

Haehnelt, Martin G. — *see Grazian, Andrea,* **127**(2), 592–605
Hagen-Thorn, V. A. — *see Karataeva, G. M.,* **127**(2), 789–797
Haiman, Zoltán — *see Richards, Gordon T.,* **127**(3), 1305–1312
Haisch, Karl E., Jr. — A Near-Infrared Multiplicity Survey of Class I/Flat-Spectrum Systems in Six Nearby Molecular Clouds — Karl E. Haisch, Jr., Thomas P. Greene, Mary Barsony, and Steven W. Stahler; **127**(3), 1747–1754
Haissinski, J. — *see Garavini, G.,* **128**(1), 387–404
Hajian, Arsen R. — *see Dorland, Bryan N.,* **127**(2), 1052–1058
— *see Tycner, Christopher,* **127**(2), 1194–1203
— *see Balick, Bruce,* **127**(4), 2269–2276
Hall, D. M. — *see Zacharias, N.,* **127**(5), 3043–3059
Hall, David M. — *see Mason, Brian D.,* **127**(1), 539–548
Hall, P. B. — *see Yip, C.-W.,* **128**(6), 2603–2630
Hall, Patrick B. — A Lyα-only Active Galactic Nucleus from the Sloan Digital Sky Survey — Patrick B. Hall, Erik A. Hoversten, Christy A. Tremonti, Daniel E. Vanden Berk, Donald P. Schneider, Michael A. Strauss, Gillian R. Knapp, Donald G. York, Damien Hutsemékers, P. R. Newman, J. Brinkmann, Brenda Frye, Masataka Fukugita, Karl Glazebrook, Michael Harvanek, Timothy M. Heckman, Željko Ivezić, S. Kleinman, Jurek Krzesiński, Daniel C. Long, Eric Neilsen, Martin Niederste-Ostholt, Atsuko Nitta, David J. Schlegel, and S. Snedden; **127**(6), 3146–3154
— *see Abazajian, Kevork,* **128**(1), 502–512
— A Quasar without Broad Lyα Emission — Patrick B. Hall, Stephanie A. Snedden, Martin Niederste-Ostholt, Daniel J. Eisenstein, Michael A. Strauss, Donald G. York, and Donald P. Schneider; **128**(2), 534–543
— *see Bentz, Misty C.,* **128**(2), 561–568
— *see Hopkins, Philip F.,* **128**(3), 1112–1123
Hamabe, Masaru — *see Yoshida, Michitoshi,* **127**(1), 90–104
— *see Yoshida, Michitoshi,* **127**(6), 3653
— *see Abazajian, Kevork,* **128**(1), 502–512
Hambly, Nigel C. — The Solar Neighborhood. VIII. Discovery of New High Proper Motion Nearby Stars Using the SuperCOSMOS Sky Survey — Nigel C. Hambly, Todd J. Henry, John P. Subasavage, Misty A. Brown, and Wei-Chun Jao; **128**(1), 437–447
— *see Henry, Todd J.,* **128**(5), 2460–2473
Hamilton, Catrina M. — *see Johnson, John Asher,* **128**(3), 1265–1272
Hamilton, Douglas P. — *see Ward, William R.,* **128**(5), 2501–2509
— Tilting Saturn. II. Numerical Model — Douglas P. Hamilton and William R. Ward; **128**(5), 2510–2517
Hamuy, Mario — *see Krisciunas, Kevin,* **127**(3), 1664–1681
— *see Krisciunas, Kevin,* **128**(6), 3034–3052
Hancock, M. — *see Weistrop, D.,* **127**(3), 1360–1370
Hanish, D. — *see Ryan-Weber, E. V.,* **127**(3), 1431–1440
Hansen, B. M. S. — *see Richer, H. B.,* **127**(5), 2771–2792
— *see Richer, H. B.,* **127**(5), 2904–2908
Hansen, Brad M. S. — *see Ferdman, Robert D.,* **127**(1), 380–393
Hanson, Robert B. — Lick Northern Proper Motion Program. III. Lick NPM2 Catalog — Robert B. Hanson, Arnold R. Klemola, Burton F. Jones, and David G. Monet; **128**(3), 1430–1445
Harada, Wataru — A New Determination of Planetary Precession — Wataru Harada and Toshio Fukushima; **127**(1), 531–538
Harbeck, Daniel — *see Kniazev, Alexei Yu.,* **127**(2), 704–727
— *see Briley, Michael M.,* **127**(3), 1588–1593
— WIYN Survey for Carbon Stars in the M31 and Cetus Dwarf Spheroidal Galaxies: Evolutionary Implications — Daniel Harbeck, John S. Gallagher III, and Eva K. Grebel; **127**(5), 2711–2722
Hardin, D. — *see Garavini, G.,* **128**(1), 387–404
Hardy, Eduardo — *see Pont, Frédéric,* **127**(2), 840–860
Harris, Frederick H. — *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Harris, Gretchen L. H. — Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. I. The Database — Gretchen L. H. Harris, Doug Geisler, William E. Harris, Brian P. Schmidt, James E. Hesser, Mike Reid, Margaret Milne, Scott C. Hulme, and Tyler T. Kidd; **128**(2), 712–722
— Wide-Field Washington Photometry of the NGC 5128 Globular Cluster System. II. Large-Scale Properties of the System — Gretchen L. H. Harris, William E. Harris, and Doug Geisler; **128**(2), 723–735
Harris, Hugh — *see Szkody, Paula,* **128**(4), 1882–1893
Harris, Hugh C. — *see Downes, Ronald A.,* **127**(5), 2838–2849
— *see Munn, Jeffrey A.,* **127**(5), 3034–3042
— *see West, Andrew A.,* **128**(1), 426–436
— *see Abazajian, Kevork,* **128**(1), 502–512
— *see Piatek, Slawomir,* **128**(2), 951
Harris, Jason — *see Calzetti, Daniela,* **127**(3), 1405–1430
— The Star Formation History of the Small Magellanic Cloud — Jason Harris and Dennis Zaritsky; **127**(3), 1531–1544
— *see Zaritsky, Dennis,* **128**(4), 1606–1614
Harris, William E. — *see VanDalfsen, Marcel L.,* **127**(1), 368–372
— *see Brooks, R. Scott,* **128**(1), 237–244
— *see Durrell, Patrick R.,* **128**(1), 260–270
— *see Harris, Gretchen L. H.,* **128**(2), 712–722
— *see Harris, Gretchen L. H.,* **128**(2), 723–735
Harrison, Thomas E. — An Astrometric Calibration of the M_V-P_{orb} Relationship for Cataclysmic Variables Based on *Hubble Space Telescope* Fine Guidance Sensor Parallaxes — Thomas E. Harrison, Joni J. Johnson, B. E. McArthur, G. F. Benedict, Paula Szkody, Steve B. Howell, and Dawn M. Gelino; **127**(1), 460–468
— The Detection of ^{13}CO and Other Apparent Abundance Anomalies in the Secondary Stars of Long-Period Cataclysmic Variables — Thomas E. Harrison, Heather L. Osborne, and Steve B. Howell; **127**(6), 3493–3507
— *see Krisciunas, Kevin,* **128**(6), 3034–3052
Hartig, G. F. — *see Mieske, S.,* **128**(4), 1529–1540
— *see Cross, N. J. G.,* **128**(5), 1990–2012
— *see Martel, A. R.,* **128**(6), 2758–2771
Hartigan, Patrick — *see Doi, Takao,* **127**(6), 3456–3478
Hartkopf, William I. — *see Mason, Brian D.,* **127**(1), 539–548
— *see Mason, Brian D.,* **128**(6), 3012–3018
Hartman, J. D. — HATnet Variability Survey in the High Stellar Density "Kepler Field" with Millimagnitude Image Subtraction Photometry — J. D. Hartman, G. Bakos, K. Z. Stanek, and R. W. Noyes; **128**(4), 1761–1783
Hartmann, D. H. — *see Klose, S.,* **128**(5), 1942–1954
Hartmann, Lee — *see Hernández, Jesús,* **127**(3), 1682–1701
— *see Calvet, Nuria,* **128**(3), 1294–1318
Hartmann, Lee W. — *see Sicilia-Aguilar, Aurora,* **128**(2), 805–821
Harvanek, Michael — *see Raymond, Sean N.,* **127**(5), 2978–2987
— *see Hall, Patrick B.,* **127**(6), 3146–3154
— *see Abazajian, Kevork,* **128**(1), 502–512
Hasegawa, Tetsuo — *see Seta, Masumichi,* **127**(2), 1098–1116
Haswell, C. A. — *see Ioannou, Z.,* **127**(1), 481–488
Hattori, T. — A Study of the Distribution of Star-forming Regions in Luminous Infrared Galaxies by Means of Hα Imaging Observations — T. Hattori, M. Yoshida, H. Ohtani, H. Sugai, T. Ishigaki, M. Sasaki, T. Hayashi, S. Ozaki, M. Ishii, and A. Kawai; **127**(2), 736–757
Hatzes, Artie P. — *see Paulson, Diane B.,* **127**(6), 3579–3586
Haugsjaa, A. — *see Bloom, S. D.,* **128**(1), 56–61
Hawley, Suzanne — *see Szkody, Paula,* **128**(4), 1882–1893
Hawley, Suzanne L. — *see Raymond, Sean N.,* **127**(5), 2978–2987
— *see West, Andrew A.,* **128**(1), 426–436
— *see Reid, I. Neill,* **128**(1), 463–483
Hawley, Wendy P. — *see Herbst, William,* **127**(3), 1594–1601
Hayano, Yutaka — *see Tokunaga, A. T.,* **127**(1), 444–448
Hayashi, Masahiko — *see Tokunaga, A. T.,* **127**(1), 444–448
— *see Seta, Masumichi,* **127**(2), 1098–1116
Hayashi, T. — *see Hattori, T.,* **127**(2), 736–757
Hayashino, Tomoki — *see Hu, Esther M.,* **127**(2), 563–575
— *see Matsuda, Yuichi,* **128**(2), 569–584
— Large-Scale Structure of Emission-Line Galaxies at $z = 3.1$ — Tomoki Hayashino, Yuichi Matsuda, Hajime Tamura, Ryosuke Yamauchi, Toru Yamada, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(5), 2073–2079
Hayes, Jeffrey — *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Hayes-Gehrke, M. N. — Photospheric Activity among Stars in Old Open Clusters: NGC 7789 — M. N. Hayes-Gehrke, K. A. Janes, and K. M. Yoss; **128**(6), 2862–2880

Haynes, Martha P. — *see Masters, Karen L.*, **127**(2), 1257
— *see Vogt, Nicole P.*, **127**(6), 3273–3299
— *see Vogt, Nicole P.*, **127**(6), 3300–3324
— *see Vogt, Nicole P.*, **127**(6), 3325–3337
— *see van Zee, Liese*, **128**(1), 121–136
Haynes, R. F. — *see Koribalski, B. S.*, **128**(1), 16–46
Hearty, Thomas — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Heathcote, Steve — *see Reipurth, Bo*, **127**(2), 1069–1080
Hebb, Leslie — Photometric Monitoring of Open Clusters. I. The Survey — Leslie Hebb, Rosemary F. G. Wyse, and Gerard Gilmore; **128**(6), 2881–2897
Heckman, T. M. — *see Wang, J.-X.*, **127**(1), 213–229
— *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
Heckman, Timothy M. — *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Zakamska, Nadia L.*, **128**(3), 1002–1016
Hedden, A. — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Helfand, D. J. — *see de Vries, W. H.*, **127**(5), 2565–2578
Henden, A. A. — *see Kafka, S.*, **127**(3), 1622–1631
— *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Klose, S.*, **128**(5), 1942–1954
Henden, Arne — *see Szkody, Paula*, **128**(4), 1882–1893
— *see Szkody, Paula*, **128**(5), 2443–2447
Hendrickson, M. — *see Knapp, G. R.*, **127**(6), 3553–3578
Hendry, John S. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Hennawi, J. — *see Knapp, G. R.*, **127**(6), 3553–3578
Hennawi, Joseph F. — *see Fan, Xiaohui*, **128**(2), 515–522
Hennessy, G. S. — *see Munn, Jeffrey A.*, **127**(5), 3034–3042
Hennessy, Greg S. — *see Mason, Brian D.*, **127**(1), 539–548
Hennessy, Gregory S. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Henning, P. A. — *see Koribalski, B. S.*, **128**(1), 16–46
Henry, Gregory W. — *see Paulson, Diane B.*, **127**(3), 1644–1652
— HD 207651: A Triple System with δ Scuti and Ellipsoidal Variations but No γ Doradus Pulsations — Gregory W. Henry, Francis C. Fekel, and Stephen M. Henry; **127**(3), 1720–1726
— *see Fekel, Francis C.*, **127**(4), 2303–2309
Henry, R. B. C. — Sulfur, Chlorine, and Argon Abundances in Planetary Nebulae. IV. Synthesis and the Sulfur Anomaly — R. B. C. Henry, K. B. Kwitter, and Bruce Balick; **127**(4), 2284–2302
Henry, Richard B. C. — *see Garnett, Donald R.*, **128**(6), 2772–2782
Henry, Stephen M. — *see Henry, Gregory W.*, **127**(3), 1720–1726
Henry, Todd J. — *see Hambly, Nigel C.*, **128**(1), 437–447
— *see Golimowski, David A.*, **128**(4), 1733–1747
— The Solar Neighborhood. X. New Nearby Stars in the Southern Sky and Accurate Photometric Distance Estimates for Red Dwarfs — Todd J. Henry, John P. Subasavage, Misty A. Brown, Thomas D. Beaulieu, Wei-Chun Jao, and Nigel C. Hambly; **128**(5), 2460–2473
Héraudeau, P. — *see La Franca, F.*, **127**(6), 3075–3088
Herbig, G. H. — LkHα 101 and the Young Cluster in NGC 1579 — G. H. Herbig, Sean M. Andrews, and S. E. Dahm; **128**(3), 1233–1253
Herbst, William — A Photometric Study of Stars in the MBM 12 Association — William Herbst, Eric C. Williams, and Wendy P. Hawley; **127**(3), 1594–1601
— *see Cohen, Roger E.*, **127**(3), 1602–1621
— *see Johnsom, John Asher*, **128**(3), 1265–1272
Hernández, J. — *see Vivas, A. K.*, **127**(2), 1158–1175
Hernández, Jesús — Spectral Analysis and Classification of Herbig Ae/Be Stars — Jesús Hernández, Nuria Calvet, César Briceño, Lee Hartmann, and Perry Berlind; **127**(3), 1682–1701
— *see Calvet, Nuria*, **128**(3), 1294–1318
Hernquist, Lars — *see Gerssen, Joris*, **127**(1), 75–89
Herrera, D. — *see Vivas, A. K.*, **127**(2), 1158–1175
Herrnstein, Robeson M. — The Variability of Sagittarius A* at Centimeter Wavelengths — Robeson M. Herrnstein, Jun-Hui Zhao, Geoffrey C. Bower, and W. M. Goss; **127**(6), 3399–3410
Hershey, John L. — *see Pascu, Dan*, **127**(5), 2988–2996
Herter, Terry — *see Vogt, Nicole P.*, **127**(6), 3273–3299
— *see Vogt, Nicole P.*, **127**(6), 3300–3324
— *see Vogt, Nicole P.*, **127**(6), 3325–3337
Hesser, James E. — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Hester, J. Jeff — *see Moore, Brian D.*, **127**(6), 3484–3492
Hibbard, J. E. — *see Saviane, Ivo*, **127**(2), 660–678
— *see Thuan, Trinh X.*, **128**(2), 617–643
Hilker, M. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Hilker, Michael — *see Hughes, Joanne*, **127**(2), 980–990
Hill, Vanessa — *see Venn, Kim A.*, **128**(3), 1177–1195
Hillenbrand, Lynne — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Hindsley, Robert B. — *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Abazajian, Kevork*, **128**(1), 502–512
Hinkley, Sasha — *see Shara, Michael M.*, **128**(6), 2847–2853
Hirani, Ajay — *see Hoffman, G. Lyle*, **128**(6), 2932–2941
Hiriart, David — Molecular Hydrogen Kinematics in Cepheus A — David Hiriart, Luis Salas, and Irene Cruz-González; **128**(6), 2917–2931
Hjorth, J. — *see Klose, S.*, **128**(5), 1942–1954
Ho, Luis C. — *see Böker, Torsten*, **127**(1), 105–118
— *see Rich, R. Michael*, **127**(4), 2139–2144
Hoard, D. W. — The Ultraviolet Spectrum of the High-Field Magnetic Cataclysmic Variable AR Ursae Majoris — D. W. Hoard, Gary D. Schmidt, Paula Szkody, Lilia Ferrario, Oliver Fraser, Michael A. Wolfe, and B. T. Gänsicke; **128**(4), 1894–1898
— *see Szkody, Paula*, **128**(5), 2443–2447
Hodge, Paul — Editorial — Paul Hodge and John S. Gallagher III; **128**(4), i
Hoessel, J. G. — *see Thim, F.*, **127**(4), 2322–2343
Hoessel, John — *see Dolphin, Andrew E.*, **127**(2), 875–896
Hoffman, G. Lyle — Mini High-Velocity Clouds — G. Lyle Hoffman, E. E. Salpeter, and Ajay Hirani; **128**(6), 2932–2941
Hogan, Craig J. — *see Zheng, Wei*, **127**(2), 656–659
— *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Abazajian, Kevork*, **128**(1), 502–512
Hogerheijde, Michiel R. — Combined BIMA and OVRO Observations of Comet C/1999 S4 (LINEAR) — Michiel R. Hogerheijde, Imke de Pater, Melvyn Wright, J. R. Forster, L. E. Snyder, A. Remijan, L. M. Woodney, M. F. A'Hearn, Patrick Palmer, Y.-J. Kuan, H.-C. Huang, Geoffrey A. Blake, Chunhua Qi, Jacqueline Kessler, and S.-Y. Liu; **127**(4), 2406–2412
Hogg, David W. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Holberg, J. B. — *see Sing, D. K.*, **127**(5), 2936–2947
— *see Belle, Kunegunda E.*, **128**(1), 448–462
Holberg, Jay B. — *see Keel, William C.*, **128**(1), 211–223
Holden, B. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Holden, B. P. — *see Rosati, P.*, **127**(1), 230–238
— Evolution in the Color-Magnitude Relation of Early-Type Galaxies in Clusters of Galaxies at $z \approx 1$ — B. P. Holden, S. A. Stanford, P. Eisenhardt, and M. Dickinson; **127**(5), 2484–2510
Holdenried, Ellis — *see Mason, Brian D.*, **127**(1), 539–548
Holland, Stephen T. — GRB 021211 as a Faint Analog of GRB 990123: Exploring the Similarities and Differences in the Optical Afterglows — Stephen T. Holland, David Bersier, J. S. Bloom, Peter M. Garnavich, Nelson Caldwell, Peter Challis, Robert Kirshner, Kevin Luhman, Brian McLeod, and K. Z. Stanek; **128**(5), 1955–1964
Holman, M. — *see Bernstein, G. M.*, **128**(3), 1364–1390
Holman, Matthew J. — *see Franklin, Fred A.*, **128**(3), 1391–1406
Holmgren, Donald J. — *see Abazajian, Kevork*, **128**(1), 502–512
Homeier, N. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Homeier, Nicole — *see Calzetti, Daniela*, **127**(3), 1405–1430
Homer, Lee — *see Szkody, Paula*, **128**(4), 1882–1893
— *see Downes, Ronald A.*, **128**(5), 2288–2294
— *see Szkody, Paula*, **128**(5), 2443–2447
Honda, M. — *see Girart, J. M.*, **127**(5), 2969–2977
Honeycutt, R. — *see Vivas, A. K.*, **127**(2), 1158–1175
Honeycutt, R. K. — *see Kafka, S.*, **127**(3), 1622–1631
— Characteristics of High-State/Low-State Transitions in VY Sculptoris Stars — R. K. Honeycutt and S. Kafka; **128**(3), 1279–1293
— *see Kafka, S.*, **128**(5), 2420–2429
Hong, Kyeong Soo — *see Kang, Young Woon*, **128**(2), 846–857
Hood, Ben — *see Lacy, Claud H. Sandberg*, **128**(6), 3005–3011
Hook, I. M. — *see Garavini, G.*, **128**(1), 387–404
Hook, Isobel M. — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Hopkins, A. M. — *see Yip, C.-W.*, **128**(2), 585–609
— *see Yip, C.-W.*, **128**(6), 2603–2630
Hopkins, Philip F. — Dust Reddening in Sloan Digital Sky Survey Quasars — Philip F. Hopkins, Michael A. Strauss, Patrick B. Hall, Gordon T. Richards, Ariana S. Cooper, Donald P. Schneider, Daniel E. Vanden Berk, Sebastian Jester, J. Brinkmann, and Gyula P. Szokoly; **128**(3), 1112–1123

Horch, Elliott P. — Speckle Observations of Binary Stars with the WIYN Telescope. IV. Differential Photometry — Elliott P. Horch, Reed D. Meyer, and William F. van Altena; **127**(3), 1727–1735
Hornschemeier, A. E. — *see Bauer, F. E.*, **128**(5), 2048–2065
Hoversten, E. A. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Hoversten, Erik A. — *see Hall, Patrick B.*, **127**(6), 3146–3154
Howard, Emily S. — Microvariability and Long-Term Variability of Four Blazars — Emily S. Howard, James R. Webb, Joseph T. Pollock, and Robert E. Stencel; **127**(1), 17–23
Howell, D. A. — *see Garavini, G.*, **128**(1), 387–404
Howell, Justin H. — Probing Spectral Line Gradients beyond One Effective Radius in NGC 3610 — Justin H. Howell, Jean P. Brodie, Jay Strader, Duncan A. Forbes, and Robert Proctor; **128**(6), 2749–2757
Howell, S. B. — *see Sing, D. K.*, **127**(5), 2936–2947
Howell, Steve B. — *see Harrison, Thomas E.*, **127**(1), 460–468
— *see Harrison, Thomas E.*, **127**(6), 3493–3507
— *see Belle, Kunegunda E.*, **128**(1), 448–462
Howk, J. Christopher — *see Thompson, Thomas W. J.*, **128**(2), 662–673
Hoyos, C. — *Hubble Space Telescope* Spectroscopy of Four Luminous Compact Blue Galaxies at Intermediate Redshift — C. Hoyos, R. Guzmán, M. A. Bershady, D. C. Koo, and A. I. Díaz; **128**(4), 1541–1551
Hsieh, Henry H. — The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids — Henry H. Hsieh, David C. Jewitt, and Yanga R. Fernández; **127**(5), 2997–3017
Hu, E. M. — *see Capak, P.*, **127**(1), 180–198
— *see Cowie, L. L.*, **127**(6), 3137–3145
Hu, Esther M. — The Luminosity Function of Lyα Emitters at Redshift $z \sim 5.7$ — Esther M. Hu, Lennox L. Cowie, Peter Capak, Richard G. McMahon, Tomoki Hayashino, and Yutaka Komiyama; **127**(2), 563–575
— *see Wirth, Gregory D.*, **127**(6), 3121–3136
Huang, H.-C. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Huber, Mark E. — *see Ferdman, Robert D.*, **127**(1), 380–393
Huchra, John — *see McCall, Marshall L.*, **128**(1), 375–386
Huchra, John P. — *see Beasley, Michael A.*, **128**(4), 1623–1645
Huchtmeier, Walter — *see McCall, Marshall L.*, **128**(1), 375–386
Huchtmeier, Walter K. — *see Karachentsev, Igor D.*, **127**(4), 2031–2068
Hudec, R. — *see Klose, S.*, **128**(5), 1942–1954
Hudson, Michael J. — *see Smith, Russell J.*, **128**(4), 1558–1569
Huenemoerder, David P. — *see Goldstein, Greg*, **127**(4), 2310–2321
Hughes, Joanne — The Giant Branches of ω Centauri: Multiwavelength Observations of Evolved Stars — Joanne Hughes, George Wallerstein, Floor van Leeuwen, and Michael Hilker; **127**(2), 980–990
Hughes, M. A. — *see Scarlata, C.*, **128**(3), 1124–1137
Hulme, Scott C. — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Hummel, C. A. — *see Johnston, K. J.*, **128**(2), 822–828
Hummels, Cameron B. — *see Majewski, Steven R.*, **128**(1), 245–259
Humphreys, Roberta M. — *see Parker, Jennifer E.*, **127**(3), 1567–1578
Hunstead, R. W. — *see Barr, J. M.*, **128**(6), 2660–2676
Hunter, Deidre A. — Star Formation Properties of a Large Sample of Irregular Galaxies — Deidre A. Hunter and Bruce G. Elmegreen; **128**(5), 2170–2205
— *see Larsen, Søren S.*, **128**(5), 2295–2305
Huo, Zhi-Ying — Joint X-Ray and Optical Measurements of the Mass Distribution of the Distant Galaxy Cluster Cl J0152.7−1357 — Zhi-Ying Huo, Sui-Jian Xue, Haiguang Xu, Gordon Squires, and Piero Rosati; **127**(3), 1263–1273
Hutchings, J. B. — *see Schmidtke, P. C.*, **127**(1), 469–476
— The Hot Interstellar Medium in M31 and M33 — J. B. Hutchings and K. Butler; **128**(5), 2234–2238
Hutsemékers, Damien — *see Hall, Patrick B.*, **127**(6), 3146–3154
Hutter, D. J. — *see Tycner, Christopher*, **127**(2), 1194–1203
Hyman, S. D. — *see Nord, Michael E.*, **128**(4), 1646–1670

I

Ibata, R. A. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Ibata, Rodrigo A. — *see Ferdman, Robert D.*, **127**(1), 380–393
Ichikawa, Shin-ichi — *see Abazajian, Kevork*, **128**(1), 502–512
Ichikawa, Takashi — *see Abazajian, Kevork*, **128**(1), 502–512
Iglesias-Páramo, J. — *see Aguerri, J. A. L.*, **127**(3), 1344–1359
Illingworth, G. D. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Illingworth, Garth D. — *see Golimowski, David A.*, **128**(4), 1733–1747
Imanishi, Masatoshi — X-Ray–underluminous Active Galactic Nuclei Relative to Broad Emission Lines in Ultraluminous Infrared Galaxies — Masatoshi Imanishi and Yuichi Terashima; **127**(2), 758–764
— Near-Infrared and Millimeter Constraints on the Nuclear Energy Source of the Infrared-luminous Galaxy NGC 4418 — Masatoshi Imanishi, Kouichiro Nakanishi, Nario Kuno, and Kotaro Kohno; **128**(5), 2037–2047
Impey, C. D. — *see Schinnerer, E.*, **128**(5), 1974–1989
Impey, Chris D. — *see McIntosh, Daniel H.*, **128**(2), 544–560
Inada, Naohisa — *see Pindor, Bart*, **127**(3), 1318–1324
Indebetouw, Rémy — *see Johnson, Kelsey E.*, **128**(2), 610–616
— Australia Telescope Compact Array Survey of Candidate Ultracompact and Buried H II Regions in the Magellanic Clouds — Rémy Indebetouw, Kelsey E. Johnson, and Peter Conti; **128**(5), 2206–2233
Infante, L. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Infante, Leopoldo — *see Lee, Brian C.*, **127**(4), 1811–1859
Inutsuka, Shu-ichiro — *see Seta, Masumichi*, **127**(2), 1098–1116
Ioannou, Z. — The Mass of the Black Hole in GS 2000+25 — Z. Ioannou, E. L. Robinson, W. F. Welsh, and C. A. Haswell; **127**(1), 481–488
Irwin, Mike — *see Venn, Kim A.*, **128**(3), 1177–1195
Ishigaki, T. — *see Hattori, T.*, **127**(2), 736–757
Ishii, M. — *see Hattori, T.*, **127**(2), 736–757
Ivanov, Vladimir D. — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Ivezić, Ž. — *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Yip, C.-W.*, **128**(2), 585–609
Ivezić, Željko — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
— *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Fukugita, Masataka*, **127**(6), 3155–3160
— *see West, Andrew A.*, **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Zakamska, Nadia L.*, **128**(3), 1002–1016
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Iye, Masanori — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Tokunaga, A. T.*, **127**(1), 444–448
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Misawa, Toru*, **128**(6), 2954–2961
Iyer, Mansie G. — Neutral Hydrogen in Arp 158 — Mansie G. Iyer, Caroline E. Simpson, Stephen T. Gottesman, and Benjamin K. Malphrus; **128**(3), 985–996

J

Jackson, Dale C. — H I Observations of the Local Group Dwarf WLM — Dale C. Jackson, Evan D. Skillman, John M. Cannon, and Stéphanie Côté; **128**(3), 1219–1227
Jacobs, C. S. — *see Fey, A. L.*, **127**(6), 3587–3608
Jacobson, R. A. — The Orbits of the Inner Neptunian Satellites from *Voyager*, Earth-based, and *Hubble Space Telescope* Observations — R. A. Jacobson and W. M. Owen, Jr.; **128**(3), 1412–1417
Jacobson, Robert A. — The Orbits of the Major Saturnian Satellites and the Gravity Field of Saturn from Spacecraft and Earth-based Observations — Robert A. Jacobson; **128**(1), 492–501
Jacoby, George H. — *see Pritzl, Barton J.*, **127**(1), 318–333
Jain, Bhuvnesh — *see Massey, Richard*, **127**(6), 3089–3101
Janes, K. A. — *see Hayes-Gehrke, M. N.*, **128**(6), 2862–2880
Jangren, Anna — *see Gronwall, Caryl*, **127**(4), 1943–1958
— *see Gronwall, Caryl*, **128**(2), 644–661
Jannuzi, B. T. — *see Wang, J.-X.*, **127**(1), 213–229
Jannuzi, Buell T. — *see Fadda, Dario*, **128**(1), 1–15
Jansen, Rolf A. — *see Kannappan, Sheila J.*, **127**(3), 1371–1385
— *see Kewley, Lisa J.*, **127**(4), 2002–2030
Jao, Wei-Chun — *see Hambly, Nigel C.*, **128**(1), 437–447
— *see Henry, Todd J.*, **128**(5), 2460–2473
Jarrett, Thomas H. — *see Rines, Kenneth*, **128**(3), 1078–1111
Jauncey, David L. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(4), 1977–1981
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Ojha, Roopesh*, **128**(4), 1570–1587
— *see Fey, Alan L.*, **128**(5), 2593–2598
Jaxon, Elizabeth G. — *see Guerrero, Martín A.*, **128**(4), 1705–1710
Jedicke, Robert — *see Raymond, Sean N.*, **127**(5), 2978–2987

Jelínek, M. — *see Klose, S.*, **128**(5), 1942–1954
Jenniskens, P. — 2003 EH$_1$ Is the Quadrantid Shower Parent Comet — P. Jenniskens; **127**(5), 3018–3022
Jeon, Young-Beom — SX Phoenicis Stars in the Globular Cluster NGC 5466 — Young-Beom Jeon, Myung Gyoon Lee, Seung-Lee Kim, and Ho Lee; **128**(1), 287–299
Jerjen, H. — Distances, Metallicities, and Ages of Dwarf Elliptical Galaxies in the Virgo Cluster from Surface Brightness Fluctuations — H. Jerjen, B. Binggeli, and F. D. Barazza; **127**(2), 771–788
— *see Koribalski, B. S.*, **128**(1), 16–46
Jerjen, Helmut — *see Warren, Bradley E.*, **128**(3), 1152–1166
Jester, Sebastian — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Jewitt, David — The Nucleus of Comet 48P/Johnson — David Jewitt and Scott Sheppard; **127**(3), 1784–1790
— *see Sheppard, Scott S.*, **127**(5), 3023–3033
— *see Sheppard, Scott S.*, **128**(5), 2542–2546
— Looking through the HIPPO: Nucleus and Dust in Comet 2P/Encke — David Jewitt; **128**(6), 3061–3069
Jewitt, David C. — *see Hsieh, Henry H.*, **127**(5), 2997–3017
Jiang, Ing-Guey — On the Formation of Brown Dwarfs — Ing-Guey Jiang, G. Laughlin, and D. N. C. Lin; **127**(1), 455–459
— On the Chaotic Orbits of Disk-Star-Planet Systems — Ing-Guey Jiang and Li-Chin Yeh; **128**(2), 923–932
Jiang, Zhaoji — *see Zhang, Haotong*, **127**(5), 2579–2597
— *see Zhou, Xu*, **127**(6), 3642–3652
— *see Zhang, Tianmeng*, **128**(4), 1857–1867
— *see Du, Cui-Hua*, **128**(5), 2265–2273
Jin, H. — Reclassification of ROTSE-I δ Scuti Stars with Multiband Photometry and Fourier Decomposition — H. Jin, S.-L. Kim, C.-U. Lee, D.-J. Lee, and K.-S. Kim; **128**(4), 1847–1856
Johns-Krull, Christopher M. — *see Johnson, John Asher*, **128**(3), 1265–1272
Johnson, Jeff — *see Kelley, Michael S.*, **127**(4), 2398–2405
Johnson, Jennifer A. — *see Lai, David K.*, **128**(5), 2402–2419
Johnson, John Asher — The History of the Mysterious Eclipses of KH 15D: Asiago Observatory, 1967–1982 — John Asher Johnson and Joshua N. Winn; **127**(4), 2344–2351
— KH 15D: A Spectroscopic Binary — John Asher Johnson, Geoffrey W. Marcy, Catrina M. Hamilton, William Herbst, and Christopher M. Johns-Krull; **128**(3), 1265–1272
Johnson, Joni J. — *see Harrison, Thomas E.*, **127**(1), 460–468
Johnson, Kelsey E. — Revealing the Young Starburst in Haro 3 with Radio and Infrared Imaging — Kelsey E. Johnson, Rémy Indebetouw, Christer Watson, and Henry A. Kobulnicky; **128**(2), 610–616
— *see Indebetouw, Rémy*, **128**(5), 2206–2233
Johnston, Dale — *see Schmidt, Edward G.*, **128**(4), 1748–1760
— *see Schmidt, Edward G.*, **128**(6), 2988–2996
Johnston, David E. — *see Pindor, Bart*, **127**(3), 1318–1324
— *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Johnston, K. — *see Sing, D. K.*, **127**(5), 2936–2947
Johnston, K. J. — Recent Observations of the Centimeter Radio Emission from the T Tauri System — K. J. Johnston, A. L. Fey, R. A. Gaume, M. J. Claussen, and C. A. Hummel; **128**(2), 822–828
Johnston, Kathryn V. — *see Majewski, Steven R.*, **128**(1), 245–259
Johnston, Kenneth J. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(4), 1977–1981
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Ojha, Roopesh*, **128**(4), 1570–1587
— *see Fey, Alan L.*, **128**(5), 2593–2598
Jones, Burton — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Jones, Burton F. — *see Hanson, Robert B.*, **128**(3), 1430–1445
Jones, Terry J. — *see Kelley, Michael S.*, **127**(4), 2398–2405
— Outflows from Luminous Young Stellar Objects: An Infrared Polarimetric Study — Terry J. Jones, Charles E. Woodward, and Michael S. Kelley; **128**(5), 2448–2459
Joo, Jong-Myung — *see Rey, Soo-Chang*, **127**(2), 958–979
Jordán, Andrés — *Hubble Space Telescope* Observations of cD Galaxies and Their Globular Cluster Systems — Andrés Jordán, Patrick Côté, Michael J. West, Ronald O. Marzke, Dante Minniti, and Marina Rejkuba; **127**(1), 24–47
Jorgensen, Anders M. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Jørgensen, Inger — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Jorstad, Svetlana G. — Change in Speed and Direction of the Jet near the Core in the Quasar 3C 279 — Svetlana G. Jorstad, Alan P. Marscher, Matthew L. Lister, Alastair M. Stirling, Timothy V. Cawthorne, José-Luis Gómez, and Walter K. Gear; **127**(6), 3115–3120
Joseph, R. D. — *see Rothberg, B.*, **128**(5), 2098–2143
Joseph, Robert D. — *see Bendo, George J.*, **127**(6), 3338–3360
Juda, M. — *see Doane, N. E.*, **128**(6), 2712–2723
Juraszek, S. — *see Koribalski, B. S.*, **128**(1), 16–46
Jurić, Mario — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592

K

Kafka, S. — WIYN Open Cluster Study. XX. Photometric Monitoring of the Galactic Cluster NGC 6939 — S. Kafka, D. G. Gibbs II, A. A. Henden, and R. K. Honeycutt; **127**(3), 1622–1631
— *see Honeycutt, R. K.*, **128**(3), 1279–1293
— Detecting Outflows from Cataclysmic Variables in the Optical — S. Kafka and R. K. Honeycutt; **128**(5), 2420–2429
Kaiser, M. E. — *see Weistrop, D.*, **127**(3), 1360–1370
Kalirai, J. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Kalirai, Jasonjot S. — *see Ferdman, Robert D.*, **127**(1), 380–393
Kamata, Yukiko — *see Tokunaga, A. T.*, **127**(1), 444–448
Kamaya, Hideyuki — Velocity Dispersion of Dissolving OB Associations Affected by External Pressure of the Formation Environment — Hideyuki Kamaya; **128**(2), 761–764
Kang, Dean — *see Mason, Brian D.*, **127**(1), 539–548
Kang, Young Woon — The Chromospherically Active Contact Binary CE Leonis — Young Woon Kang, Hee-Won Lee, Kyeong Soo Hong, Chun-Hwey Kim, and Edward F. Guinan; **128**(2), 846–857
Kannappan, Sheila J. — Forming Young Bulges within Existing Disks: Statistical Evidence for External Drivers — Sheila J. Kannappan, Rolf A. Jansen, and Elizabeth J. Barton; **127**(3), 1371–1385
— Tools for Identifying Spurious Luminosity Offsets in Tully-Fisher Studies: Application at Low Redshift and Implications for High Redshift — Sheila J. Kannappan and Elizabeth J. Barton; **127**(5), 2694–2710
Kanzawa, Tomio — *see Tokunaga, A. T.*, **127**(1), 444–448
Kaper, L. — *see Klose, S.*, **128**(5), 1942–1954
Karachentsev, Igor D. — *see Allam, Sahar S.*, **127**(4), 1883–1899
— A Catalog of Neighboring Galaxies — Igor D. Karachentsev, Valentina E. Karachentseva, Walter K. Huchtmeier, and Dmitry I. Makarov; **127**(4), 2031–2068
Karachentseva, Valentina E. — *see Karachentsev, Igor D.*, **127**(4), 2031–2068
Karataeva, G. M. — The Stellar Content of the Polar Rings in the Galaxies NGC 2685 and NGC 4650A — G. M. Karataeva, I. O. Drozdovsky, V. A. Hagen-Thorn, V. A. Yakovleva, N. A. Tikhonov, and O. A. Galazutdinova; **127**(2), 789–797
Kasen, D. — *see Garavini, G.*, **128**(1), 387–404
Kashikawa, Nobunari — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Misawa, Toru*, **128**(6), 2954–2961
Kaspi, Shai — *Far Ultraviolet Spectroscopic Explorer* Spectroscopy of Absorption and Emission Lines from the Narrow-Line Seyfert 1 Galaxy NGC 4051 — Shai Kaspi, W. N. Brandt, M. J. Collinge, Martin Elvis, and Christopher S. Reynolds; **127**(5), 2631–2640
Kassim, N. E. — *see Lane, W. M.*, **127**(1), 48–52
— *see Brogan, C. L.*, **127**(1), 355–367
Kassim, Namir E. — *see Nord, Michael E.*, **128**(4), 1646–1670
Kaufer, Andreas — First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A — Andreas Kaufer, Kim A. Venn, Eline Tolstoy, Christophe Pinte, and Rolf-Peter Kudritzki; **127**(5), 2723–2737
Kawabata, Koji S. — *see Nagao, Tohru*, **128**(1), 109–114
— *see Nagao, Tohru*, **128**(5), 2066–2072
Kawai, A. — *see Hattori, T.*, **127**(2), 736–757
Kawara, Kimiaki — *see Sato, Yasunori*, **127**(3), 1285–1304
Kawka, Adela — Observations of White Dwarfs in the Solar Neighborhood — Adela Kawka, Stéphane Vennes, and John R. Thorstensen; **127**(3), 1702–1711
Kedziora-Chudczer, Lucyna — *see Winn, Joshua N.*, **128**(6), 2696–2703
Keel, William C. — Ongoing Mass Transfer in the Interacting Galaxy Pair NGC 1409/1410 — William C. Keel; **127**(3), 1325–1335
— Far-Ultraviolet Spectroscopy of Star-forming Regions in Nearby Galaxies: Stellar Populations and Abundance Indicators — William C. Keel, Jay B. Holberg, and Patrick M. Treuthardt; **128**(1), 211–223

Keeney, Brian A. — *see Stocke, John T.*, **127**(3), 1336–1343
— *see Dinescu, Dana I.*, **128**(2), 687–699
Kehoe, R. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Kehrig, Carolina — Spectrophotometry of Star-forming Regions in H II Galaxies — Carolina Kehrig, Eduardo Telles, and François Cuisinier; **128**(3), 1141–1151
Kelley, Michael S. — Near-Infrared Polarimetry and Photometry of Recent Comets — Michael S. Kelley, Charles E. Woodward, Terry J. Jones, William T. Reach, and Jeff Johnson; **127**(4), 2398–2405
— *see Jones, Terry J.*, **128**(5), 2448–2459
Kelly, Brandon C. — Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey — Brandon C. Kelly and Timothy A. McKay; **127**(2), 625–645
Kenney, Jeffrey D. P. — VLA H I Observations of Gas Stripping in the Virgo Cluster Spiral NGC 4522 — Jeffrey D. P. Kenney, J. H. van Gorkom, and B. Vollmer; **127**(6), 3361–3374
— *see Vollmer, B.*, **127**(6), 3375–3381
Kennicutt, R. C., Jr. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
Kent, S. — *see Garavini, G.*, **128**(1), 387–404
Kent, Stephen M. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Kenyon, S. J. — *see Balog, Z.*, **128**(6), 2942–2953
Kenyon, Scott J. — Collisional Cascades in Planetesimal Disks. II. Embedded Planets — Scott J. Kenyon and Benjamin C. Bromley; **127**(1), 513–530
— *see Brown, Warren R.*, **127**(3), 1555–1566
— The Size Distribution of Kuiper Belt Objects — Scott J. Kenyon and Benjamin C. Bromley; **128**(4), 1916–1926
Kerton, C. R. — The Overlooked H II Region DA 568 — C. R. Kerton, Christopher M. Brunt, and R. Kothes; **127**(2), 1059–1068
Kessler, Jacqueline — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Kesteven, M. J. — *see Koribalski, B. S.*, **128**(1), 16–46
Kewley, Lisa — *see Calzetti, Daniela*, **127**(3), 1405–1430
Kewley, Lisa J. — [O II] as a Star Formation Rate Indicator — Lisa J. Kewley, Margaret J. Geller, and Rolf A. Jansen; **127**(4), 2002–2030
Keyes, Charles D. — Spectral and Luminosity Classification of Symbiotic Star Cool Components with Near-Infrared Photometry — Charles D. Keyes and Brandon Preblich; **128**(6), 2981–2987
Kidd, Tyler T. — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Kilborn, V. A. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Kılıç, M. — Photometric Identification of Cool White Dwarfs — M. Kılıç, D. E. Winget, Ted von Hippel, and C. F. Claver; **128**(4), 1825–1833
Kilkenny, D. — *see Reid, I. Neill*, **128**(1), 463–483
Kim, A. G. — *see Garavini, G.*, **128**(1), 387–404
Kim, Chun-Hwey — *see Kang, Young Woon*, **128**(2), 846–857
Kim, K.-S. — *see Jin, H.*, **128**(4), 1847–1856
Kim, S.-L. — *see Jin, H.*, **128**(4), 1847–1856
Kim, Seung-Lee — *see Jeon, Young-Beom*, **128**(1), 287–299
Kimble, R. A. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Kimble, Randy A. — *see Brown, Thomas M.*, **127**(5), 2738–2752
Kimura, Masahiko — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Kinemuchi, K. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Kinemuchi, Karen — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
King, Ivan R. — *see Anderson, Jay*, **128**(2), 950
King, Jeremy R. — Alkali-Activity Correlations in Open Clusters — Jeremy R. King and Simon C. Schuler; **128**(6), 2898–2916
King, N. L. — *see Oey, M. S.*, **127**(3), 1632–1643
Kinney, Ellynne — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Kirkman, David — *see Tytler, David*, **128**(3), 1058–1077
— *see Misawa, Toru*, **128**(6), 2954–2961
Kirkpatrick, J. Davy — *see Burgasser, Adam J.*, **127**(5), 2856–2870
— *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Reid, I. Neill*, **128**(1), 463–483
Kirshner, Robert — *see Holland, Stephen T.*, **128**(5), 1955–1964
Kiuchi, Gaku — Submillimeter Observations of the Low-Metallicity Galaxy NGC 4214 — Gaku Kiuchi, Kouji Ohta, Marcin Sawicki, and Michael Allen; **128**(6), 2743–2748
Kleinman, S. — *see Hall, Patrick B.*, **127**(6), 3146–3154
Kleinman, S. J. — *see Abazajian, Kevork*, **128**(1), 502–512
Kleinman, Scot J. — *see Raymond, Sean N.*, **127**(5), 2978–2987
Klemola, Arnold R. — *see Hanson, Robert B.*, **128**(3), 1430–1445
Kleyna, Jan — *see Sheppard, Scott S.*, **128**(5), 2542–2546
Klose, S. — Probing a Gamma-Ray Burst Progenitor at a Redshift of $z = 2$: A Comprehensive Observing Campaign of the Afterglow of GRB 030226 — S. Klose, J. Greiner, A. Rau, A. A. Henden, D. H. Hartmann, A. Zeh, C. Ries, N. Masetti, D. Malesani, E. Guenther, J. Gorosabel, B. Stecklum, L. A. Antonelli, C. Brinkworth, J. M. Castro Cerón, A. J. Castro-Tirado, S. Covino, A. Fruchter, J. P. U. Fynbo, G. Ghisellini, J. Hjorth, R. Hudec, M. Jelínek, L. Kaper, C. Kouveliotou, K. Lindsay, E. Maiorano, F. Mannucci, M. Nysewander, E. Palazzi, K. Pedersen, E. Pian, D. E. Reichart, J. Rhoads, E. Rol, I. Smail, N. R. Tanvir, A. de Ugarte Postigo, P. M. Vreeswijk, R. A. M. J. Wijers, and E. P. J. van den Heuvel; **128**(5), 1942–1954
Knacke, Roger — Near-Infrared Observations of KH 15D through the 2003 February Eclipse — Roger Knacke, Sergio Fajardo-Acosta, and A. T. Tokunaga; **128**(6), 2977–2980
Knapen, J. H. — *see Block, D. L.*, **128**(1), 183–201
Knapp, G. R. — *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— Near-Infrared Photometry and Spectroscopy of L and T Dwarfs: The Effects of Temperature, Clouds, and Gravity — G. R. Knapp, S. K. Leggett, X. Fan, M. S. Marley, T. R. Geballe, D. A. Golimowski, D. Finkbeiner, J. E. Gunn, J. Hennawi, Z. Ivezić, R. H. Lupton, D. J. Schlegel, M. A. Strauss, Z. I. Tsvetanov, K. Chiu, E. A. Hoversten, K. Glazebrook, W. Zheng, M. Hendrickson, C. C. Williams, A. Uomoto, F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, Donald P. Schneider, and J. Brinkmann; **127**(6), 3553–3578
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Knapp, Gillian R. — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Fukugita, Masataka*, **127**(6), 3155–3160
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Szkody, Paula*, **128**(4), 1882–1893
Knerr, Edwin J. — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
Knezek, P. M. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Kniazev, Alexei Yu. — Low Surface Brightness Galaxies in the Sloan Digital Sky Survey. I. Search Method and Test Sample — Alexei Yu. Kniazev, Eva K. Grebel, Simon A. Pustilnik, Alexander G. Pramskij, Tamara F. Kniazeva, Francisco Prada, and Daniel Harbeck; **127**(2), 704–727
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Kniazeva, Tamara F. — *see Kniazev, Alexei Yu.*, **127**(2), 704–727
Knigge, Christian — *see Shara, Michael M.*, **128**(6), 2847–2853
Knop, R. A. — *see Garavini, G.*, **128**(1), 387–404
Kobayashi, Naoto — *see Tokunaga, A. T.*, **127**(1), 444–448
Kobulnicky, Henry A. — *see Johnson, Kelsey E.*, **128**(2), 610–616
Koch, Andreas — Mass Segregation in the Globular Cluster Palomar 5 and Its Tidal Tails — Andreas Koch, Eva K. Grebel, Michael Odenkirchen, David Martínez-Delgado, and John A. R. Caldwell; **128**(5), 2274–2287
Koekemoer, A. M. — *see Schinnerer, E.*, **128**(5), 1974–1989
Kohl Moreira, J. L. — *see Odewahn, S. C.*, **128**(6), 3092–3107
Kohno, Kotaro — *see Imanishi, Masatoshi*, **128**(5), 2037–2047
Kolb, Kelly — Synthetic Spectral Analysis of the Hot Component in the S-Type Symbiotic Variable EG Andromedae — Kelly Kolb, Joleen Miller, Edward M. Sion, and Joanna Mikołajewska; **128**(4), 1790–1794
Kolesnik, Yuri B. — Secular Trends in the Mean Longitudes of Planets Derived from Optical Observations — Yuri B. Kolesnik and C. Johan Masreliez; **128**(2), 878–888
Komiyama, Y. — *see Capak, P.*, **127**(1), 180–198
Komiyama, Yutaka — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Hu, Esther M.*, **127**(2), 563–575
— *see Yoshida, Michitoshi*, **127**(6), 3653
Komossa, S. — *see Grupe, D.*, **127**(6), 3161–3167
Kong, Albert K. H. — *see Williams, Benjamin F.*, **128**(4), 1588–1596
— X-Ray–Optical–Radio Observations of a Resolved Supernova Remnant in NGC 6822 — Albert K. H. Kong, Loránt O. Sjouwerman, and Benjamin F. Williams; **128**(6), 2783–2788
Koo, D. C. — *see Hoyos, C.*, **128**(4), 1541–1551
Koo, David C. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Kopan, Eugene L. — *see Ramírez, Solange V.*, **128**(2), 787–804
Kopon, D. A. — *see Lewis, B. M.*, **127**(1), 501–512
Koppelman, M. D. — *see Martin, J. C.*, **127**(4), 2352–2361

Koribalski, B. S. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— The 1000 Brightest HIPASS Galaxies: H I Properties — B. S. Koribalski, L. Staveley-Smith, V. A. Kilborn, S. D. Ryder, R. C. Kraan-Korteweg, E. V. Ryan-Weber, R. D. Ekers, H. Jerjen, P. A. Henning, M. E. Putman, M. A. Zwaan, W. J. G. de Blok, M. R. Calabretta, M. J. Disney, R. F. Minchin, R. Bhathal, P. J. Boyce, M. J. Drinkwater, K. C. Freeman, B. K. Gibson, A. J. Green, R. F. Haynes, S. Juraszek, M. J. Kesteven, P. M. Knezek, S. Mader, M. Marquarding, M. Meyer, J. R. Mould, T. Oosterloo, J. O'Brien, R. M. Price, E. M. Sadler, A. Schröder, I. M. Stewart, F. Stootman, M. Waugh, B. E. Warren, R. L. Webster, and A. E. Wright; **128**(1), 16–46
Koribalski, Bärbel S. — *see Warren, Bradley E.*, **128**(3), 1152–1166
Kosowsky, Arthur — *see Barnes, Eric I.*, **128**(6), 2724–2742
Kothes, R. — *see Kerton, C. R.*, **127**(2), 1059–1068
Kotilainen, J. K. — *see La Franca, F.*, **127**(6), 3075–3088
Kouveliotou, C. — *see Klose, S.*, **128**(5), 1942–1954
Koyama, Hiroshi — *see Seta, Masumichi*, **127**(2), 1098–1116
Koyama, Yasuhiro — *see Fey, Alan L.*, **127**(3), 1791–1795
Kraan-Korteweg, R. C. — *see Koribalski, B. S.*, **128**(1), 16–46
Kraft, Robert P. — *see Sneden, Christopher*, **127**(4), 2162–2184
Kretchmer, C. — *see Capak, P.*, **127**(1), 180–198
Krisciunas, Kevin — Optical and Infrared Photometry of the Nearby Type Ia Supernovae 1999ee, 2000bh, 2000ca, and 2001ba — Kevin Krisciunas, Mark M. Phillips, Nicholas B. Suntzeff, S. E. Persson, Mario Hamuy, Roberto Antezana, Pablo Candia, Alejandro Clocchiatti, Darren L. DePoy, Lisa M. Germany, Luis González, Sergio González, Wojtek Krzemiński, José Maza, Peter E. Nugent, Yulei Qiu, Armin Rest, Miguel Roth, Maximilian Stritzinger, L.-G. Strolger, Ian Thompson, T. B. Williams, and Marina Wischnjewsky; **127**(3), 1664–1681
— Optical and Infrared Photometry of the Type Ia Supernovae 1991T, 1991bg, 1999ek, 2001bt, 2001cn, 2001cz, and 2002bo — Kevin Krisciunas, Nicholas B. Suntzeff, Mark M. Phillips, Pablo Candia, José Luis Prieto, Roberto Antezana, Robin Chassagne, Hsiao-Wen Chen, Mark Dickinson, Peter R. Eisenhardt, Juan Espinoza, Peter M. Garnavich, David González, Thomas E. Harrison, Mario Hamuy, Vladimir D. Ivanov, Wojtek Krzemiński, Craig Kulesa, Patrick McCarthy, Amaya Moro-Martín, César Muena, Alberto Noriega-Crespo, S. E. Persson, Philip A. Pinto, Miguel Roth, Eric P. Rubenstein, S. Adam Stanford, Guy S. Stringfellow, Abner Zapata, Alain Porter, and Marina Wischnjewsky; **128**(6), 3034–3052
Krist, J. E. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Krist, John E. — *see Golimowski, David A.*, **128**(4), 1733–1747
Kristensen, Leif Kahl — Initial Orbit Determination for Distant Objects — Leif Kahl Kristensen; **127**(4), 2424–2435
Krolik, Julian H. — *see Zakamska, Nadia L.*, **128**(3), 1002–1016
Kron, Richard G. — *see Abazajian, Kevork*, **128**(1), 502–512
Krzemiński, W. — *see Persson, S. E.*, **128**(5), 2239–2264
Krzemiński, Wojtek — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Krzesiński, Jurek — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Kuan, Y.-J. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Kubiak, Marcin — *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825
Kudritzki, Rolf-Peter — *see Kaufer, Andreas*, **127**(5), 2723–2737
— *see Gieren, Wolfgang*, **128**(3), 1167–1176
— *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825
Kulesa, Craig — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Kulkarni, S. R. — *see Bloom, J. S.*, **127**(1), 252–263
Kunkel, William E. — *see Majewski, Steven R.*, **128**(1), 245–259
Kuno, Nario — *see Imanishi, Masatoshi*, **128**(5), 2037–2047
Kunszt, Peter Z. — *see Abazajian, Kevork*, **128**(1), 502–512
Kunth, D. — *see Bravo-Alfaro, H.*, **127**(1), 264–278
Kuropatkin, Nickolai — *see Abazajian, Kevork*, **128**(1), 502–512
Kurtz, Michael J. — *see Brown, Warren R.*, **127**(3), 1555–1566
— *see Rines, Kenneth*, **128**(3), 1078–1111
Kurtz, Stanley E. — *see Zapata, Luis A.*, **127**(4), 2252–2261
Kwitter, K. B. — *see Henry, R. B. C.*, **127**(4), 2284–2302
Kwok, Shui — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Kyeong, J.-M. — *UBVIJHK* Photometric Study of the Open Cluster NGC 2849 — J.-M. Kyeong, Y.-I. Byun, E.-C. Sung, and M.-S. Chun; **128**(5), 2331–2338

L

LaCluyzé, Aaron — The Changing Blazhko Effect of XZ Cygni — Aaron LaCluyzé, Horace A. Smith, E.-M. Gill, A. Hedden, Karen Kinemuchi, A. M. Rosas, Barton J. Pritzl, Brian Sharpee, Christopher Wilkinson, K. W. Robinson, Marvin E. Baldwin, and Gerard Samolyk; **127**(3), 1653–1663
Lacy, Claud H. Sandberg — Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni — Claud H. Sandberg Lacy, Luiz Paulo Ribeiro Vaz, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1324–1330
— Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(3), 1340–1347
— Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, and Jeffrey A. Sabby; **128**(4), 1840–1846
— Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae — Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan; **128**(6), 3005–3011
Lada, Charles J. — Deep 3.8 Micron Observations of the Trapezium Cluster — Charles J. Lada, August A. Muench, Elizabeth A. Lada, and João F. Alves; **128**(3), 1254–1264
Lada, E. A. — *see Balog, Z.*, **128**(6), 2942–2953
Lada, Elizabeth A. — *see Lada, Charles J.*, **128**(3), 1254–1264
La Franca, F. — The Nature of the Mid-Infrared Population from Optical Identifications of the ELAIS-S1 Sample — F. La Franca, C. Gruppioni, I. Matute, F. Pozzi, C. Lari, M. Mignoli, G. Zamorani, D. M. Alexander, F. Cocchia, L. Danese, A. Franceschini, P. Héraudeau, J. K. Kotilainen, M. J. D. Linden-Vørnle, S. Oliver, M. Rowan-Robinson, S. Serjeant, L. Spinoglio, and A. Verma; **127**(6), 3075–3088
Labulla, J. F. — *see Docobo, J. A.*, **127**(2), 1181–1186
Lai, David K. — Abundances of Extremely Metal-poor Star Candidates — David K. Lai, Michael Bolte, Jennifer A. Johnson, and Sara Lucatello; **128**(5), 2402–2419
Laine, Seppo — Improved Models for the Evolution of the Coma Cluster of Galaxies — Seppo Laine, Jia-Qing Zheng, and Mauri J. Valtonen; **127**(2), 765–770
Lamb, Donald Q. — *see Abazajian, Kevork*, **128**(1), 502–512
Lambas, Diego G. — *see Bornancini, Carlos G.*, **127**(2), 679–685
Lampeitl, Hubert — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
Lane, W. M. — Hydra A at Low Radio Frequencies — W. M. Lane, T. E. Clarke, G. B. Taylor, R. A. Perley, and N. E. Kassim; **127**(1), 48–52
Langan, Shawn — *see Schmidt, Edward G.*, **128**(4), 1748–1760
— *see Schmidt, Edward G.*, **128**(6), 2988–2996
Lari, C. — *see La Franca, F.*, **127**(6), 3075–3088
LaRosa, T. N. — *see Nord, Michael E.*, **128**(4), 1646–1670
Larsen, S. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Larsen, Søren S. — Dynamical Mass Estimates for Five Young Massive Stellar Clusters — Søren S. Larsen, Jean P. Brodie, and Deidre A. Hunter; **128**(5), 2295–2305
Laubscher, Bryan E. — *see Allam, Sahar S.*, **127**(4), 1883–1899
Laughlin, G. — *see Jiang, Ing-Guey*, **127**(1), 455–459
Laurikainen, E. — *see Buta, R.*, **127**(1), 279–294
Laval, A. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Law, David R. — *see Majewski, Steven R.*, **128**(1), 245–259
Lazendic, J. S. — *see Brogan, C. L.*, **128**(2), 700–708
Lazio, T. J. — *see Brogan, C. L.*, **127**(1), 355–367
Lazio, T. Joseph W. — Mid- and Far-Infrared *Infrared Space Observatory* Limits on Dust Disks around Millisecond Pulsars — T. Joseph W. Lazio and J. Fischer; **128**(2), 842–845
— *see Nord, Michael E.*, **128**(4), 1646–1670
Leahy, D. A. — 1420 and 408 MHz Continuum Observations of the IC 443/G189.6+3.3 Region — D. A. Leahy; **127**(4), 2277–2283
— Addendum: 1420 and 408 MHz Continuum Observations of the IC 443/G189.6+3.3 Region [Astron. J. **127**, 2277 (2004)] — D. A. Leahy; **128**(3), 1478
Ledlow, M. — *see Davidge, T. J.*, **128**(1), 300–311
Lee, B. C. — *see Woźniak, P. R.*, **127**(4), 2436–2449
— *see Garavini, G.*, **128**(1), 387–404

Lee, Brian C. — A Catalog of Compact Groups of Galaxies in the SDSS Commissioning Data — Brian C. Lee, Sahar S. Allam, Douglas L. Tucker, James Annis, David E. Johnston, Ryan Scranton, Yamina Acebo, Neta A. Bahcall, Matthias Bartelmann, Hans Böhringer, Nancy Ellman, Eva K. Grebel, Leopoldo Infante, Jon Loveday, Timothy A. McKay, Francisco Prada, Donald P. Schneider, Chris Stoughton, Alexander S. Szalay, Michael S. Vogeley, Wolfgang Voges, and Brian Yanny; **127**(4), 1811–1859
— *see Allam, Sahar S.*, **127**(4), 1883–1899
— *see Abazajian, Kevork*, **128**(1), 502–512
Lee, C.-U. — *see Jin, H.*, **128**(4), 1847–1856
Lee, D.-J. — *see Jin, H.*, **128**(4), 1847–1856
Lee, Hee-Won — *see Kang, Young Woom*, **128**(2), 846–857
Lee, Ho — *see Jeon, Young-Beom*, **128**(1), 287–299
Lee, Hyung Mok — *see Lee, Kang Hwan*, **128**(6), 2838–2846
Lee, Jae-Woo — Infrared Echelle Spectroscopy of Palomar 6 and M71 — Jae-Woo Lee, Bruce W. Carney, and Suchitra C. Balachandran; **128**(5), 2388–2401
Lee, Kang Hwan — Mass Segregation and Tidal Tails of the Globular Cluster NGC 7492 — Kang Hwan Lee, Hyung Mok Lee, Gregory G. Fahlman, and Hwankyung Sung; **128**(6), 2838–2846
Lee, Kevin M. — *see Schmidt, Edward G.*, **128**(4), 1748–1760
— *see Schmidt, Edward G.*, **128**(6), 2988–2996
Lee, Myung Gyoon — *see Jeon, Young-Beom*, **128**(1), 287–299
Lee, Young-Wook — *see Rey, Soo-Chang*, **127**(2), 958–979
Le Fèvre, O. — *see Schinnerer, E.*, **128**(5), 1974–1989
Leger, R. French — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Leggett, S. K. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Lehner, M. J. — *see Alcock, C.*, **127**(1), 334–354
Leighly, K. M. — *see Grupe, D.*, **128**(4), 1524–1528
Leighly, Karen M. — *see Grupe, Dirk*, **127**(1), 156–179
Leister, N. V. — *see Levenhagen, R. S.*, **127**(2), 1176–1180
Le Mignant, David — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Lepage, Ian — Stability of Minor-Body Orbits in Systems with Two Giant Planets — Ian Lepage and Martin J. Duncan; **127**(3), 1755–1767
Lesser, M. P. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Lester, John B. — *see Tycner, Christopher*, **127**(2), 1194–1203
Levenhagen, R. S. — Physical Parameters of Southern B- and Be-Type Stars — R. S. Levenhagen and N. V. Leister; **127**(2), 1176–1180
Levenson, Lance — *see Schmidtke, P. C.*, **127**(6), 3388–3393
Levine, Stephen E. — *see Munn, Jeffrey A.*, **127**(5), 3034–3042
Levison, Hal — *see Wiegert, Paul*, **127**(2), 1218–1226
Levison, Harold F. — Sculpting the Kuiper Belt by a Stellar Encounter: Constraints from the Oort Cloud and Scattered Disk — Harold F. Levison, Alessandro Morbidelli, and Luke Dones; **128**(5), 2553–2563
— *see Morbidelli, Alessandro*, **128**(5), 2564–2576
Lévrier, François — *see Thuan, Trinh X.*, **128**(2), 617–643
Lewis, Aaron D. — *see Stocke, John T.*, **127**(3), 1336–1343
Lewis, B. M. — 2MASS Counterparts for OH/IR Stars. I. The Arecibo Sample — B. M. Lewis, D. A. Kopon, and Y. Terzian; **127**(1), 501–512
Lewis, G. F. — *see Carilli, C. L.*, **128**(3), 997–1001
Lewis, Nikole K. — *see Franklin, Fred A.*, **128**(3), 1391–1406
Li, J. — *see Fey, A. L.*, **127**(6), 3587–3608
Li, J.-L. — *see Yu, Y.*, **128**(2), 911–919
Li, Nolan — *see Abazajian, Kevork*, **128**(1), 502–512
Li, Weidong — *see Zhang, Tianmeng*, **128**(4), 1857–1867
Li, Zongwei — *see Zhang, Tianmeng*, **128**(4), 1857–1867
Liang, E.-W. — *see Xie, G.-Z.*, **127**(1), 53–57
Lidman, C. — *see Rosati, P.*, **127**(1), 230–238
— *see Garavini, G.*, **128**(1), 387–404
Liebert, James — *see Reid, I. Neill*, **128**(1), 463–483
Liebert, James W. — *see Williams, Kurtis A.*, **128**(4), 1784–1789
Ligęza, Piotr — *see Pych, Wojtek*, **127**(3), 1712–1719
Lin, D. N. C. — *see Jiang, Ing-Guey*, **127**(1), 455–459
Lin, Huan — *see Allam, Sahar S.*, **127**(4), 1883–1899
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Linden-Vørnle, M. J. D. — *see La Franca, F.*, **127**(6), 3075–3088
Lindsay, K. — *see Klose, S.*, **128**(5), 1942–1954
Ling, J. F. — *see Docobo, J. A.*, **127**(2), 1181–1186
Lister, Matthew L. — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Liu, S.-Y. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Loh, Yeong-Shang — *see Abazajian, Kevork*, **128**(1), 502–512
Long, Dan — *see Raymond, Sean N.*, **127**(5), 2978–2987
Long, Daniel C. — *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Lopes, P. A. A. — The Northern Sky Optical Cluster Survey. IV. An Intermediate-Redshift Galaxy Cluster Catalog and the Comparison of Two Detection Algorithms — P. A. A. Lopes, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, S. C. Odewahn, A. A. Mahabal, and R. J. Brunner; **128**(3), 1017–1045
— *see Gal, R. R.*, **128**(6), 3082–3091
— *see Odewahn, S. C.*, **128**(6), 3092–3107
López, Carlos E. — *see Girard, Terrence M.*, **127**(5), 3060–3071
López, J. A. — *see Marco, F. J.*, **127**(1), 549–559
Lotz, Jennifer — *see Seth, Anil*, **127**(2), 798–815
Lotz, Jennifer M. — A New Nonparametric Approach to Galaxy Morphological Classification — Jennifer M. Lotz, Joel Primack, and Piero Madau; **128**(1), 163–182
Loveday, Jon — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Lovell, James E. J. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **128**(4), 1570–1587
— *see Winn, Joshua N.*, **128**(6), 2696–2703
Lowrance, Patrick — *see Reid, I. Neill*, **128**(1), 463–483
Lowry, Justin D. — An Intriguing X-Ray Arc Surrounding the X-Ray Source RX J053335−6854.9 toward the Large Magellanic Cloud — Justin D. Lowry, You-Hua Chu, Martín A. Guerrero, Robert A. Gruendl, Steven L. Snowden, and R. Chris Smith; **127**(1), 125–130
Lubin, Dan — *see Tytler, David*, **128**(3), 1058–1077
Lucas, Ray A. — *see Stanford, S. A.*, **127**(1), 131–155
— *see Arribas, Santiago*, **127**(5), 2522–2543
Lucatello, Sara — *see Lai, David K.*, **128**(5), 2402–2419
Lucey, John R. — *see Smith, Russell J.*, **128**(4), 1558–1569
Luck, R. E. — Phase-dependent Variation of the Fundamental Parameters of Cepheids. I. Periods from 6 to 10 Days — R. E. Luck and S. M. Andrievsky; **128**(1), 343–356
Luginbuhl, C. B. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Luhman, Kevin — *see Holland, Stephen T.*, **128**(5), 1955–1964
Lupton, R. H. — *see Knapp, G. R.*, **127**(6), 3553–3578
Lupton, Robert — *see Fukugita, Masataka*, **127**(6), 3155–3160
Lupton, Robert H. — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Ly, C. — An Attempt to Probe the Radio Jet Collimation Regions in NGC 4278, NGC 4374 (M84), and NGC 6166 — C. Ly, R. C. Walker, and J. M. Wrobel; **127**(1), 119–124
Lyke, James E. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Lynch, David K. — Time Development of Recurrent Nova CI Aquilae's 2000 Outburst between 0.8 and 2.5 Microns — David K. Lynch, J. C. Wilson, Richard J. Rudy, Catherine Venturini, Stephan Mazuk, Neal A. Miller, and Richard C. Puetter; **127**(2), 1089–1097
— *see Venturini, Catherine C.*, **128**(1), 405–410
— The Late Appearance of He I in V445 Puppis — David K. Lynch, Richard J. Rudy, S. Mazuk, Catherine C. Venturini, Richard C. Puetter, and R. Brad Perry; **128**(6), 2962–2964

M

Ma, C. — *see Fey, A. L.*, **127**(6), 3587–3608
Ma, Jun — *see Zhang, Haotong*, **127**(5), 2579–2597
— *see Zhou, Xu*, **127**(6), 3642–3652
— *see Zhang, Tianmeng*, **128**(4), 1857–1867
— *see Du, Cui-Hua*, **128**(5), 2265–2273
Ma, Z. — *see Yip, C.-W.*, **128**(6), 2603–2630
Macchetto, D. — *see Scarlata, C.*, **128**(3), 1124–1137
Maciejewski, W. — *see Scarlata, C.*, **128**(3), 1124–1137
MacMillan, D. S. — *see Fey, A. L.*, **127**(6), 3587–3608
Madau, Piero — *see Lotz, Jennifer M.*, **128**(1), 163–182
Mader, Jeff A. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Mader, S. — *see Koribalski, B. S.*, **128**(1), 16–46
Madore, B. F. — *see Gallart, C.*, **127**(3), 1486–1501
Madore, Barry F. — *see Persson, S. E.*, **128**(5), 2239–2264

Magris, G. — *see Vivas, A. K.*, **127**(2), 1158–1175
Mahabal, A. — *see Gal, R. R.*, **128**(6), 3082–3091
— *see Odewahn, S. C.*, **128**(6), 3092–3107
Mahabal, A. A. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
Mahdavi, Andisheh — *see Ramella, Massimo*, **128**(5), 2022–2036
Maia, Marcio A. G. — *see Caretta, César A.*, **128**(6), 2642–2651
Mainieri, V. — *see Rosati, P.*, **127**(1), 230–238
Maiorano, E. — *see Klose, S.*, **128**(5), 1942–1954
Maíz-Apellániz, J. — NGC 604, the Scaled OB Association (SOBA) Prototype. I. Spatial Distribution of the Different Gas Phases and Attenuation by Dust — J. Maíz-Apellániz, E. Pérez, and J. M. Mas-Hesse; **128**(3), 1196–1218
Majewski, Steven R. — A Two Micron All Sky Survey View of the Sagittarius Dwarf Galaxy. II. Swope Telescope Spectroscopy of M Giant Stars in the Dynamically Cold Sagittarius Tidal Stream — Steven R. Majewski, William E. Kunkel, David R. Law, Richard J. Patterson, Allyson A. Polak, Helio J. Rocha-Pinto, Jeffrey D. Crane, Peter M. Frinchaboy, Cameron B. Hummels, Kathryn V. Johnston, Jaehyon Rhee, Michael F. Skrutskie, and Martin Weinberg; **128**(1), 245–259
— *see Dinescu, Dana I.*, **128**(2), 687–699
Makarov, Dmitry I. — *see Karachentsev, Igor D.*, **127**(4), 2031–2068
Makidon, Russell — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Makidon, Russell B. — Periodic Variability of Pre–Main-Sequence Stars in the NGC 2264 OB Association — Russell B. Makidon, Luisa M. Rebull, Stephen E. Strom, Mark T. Adams, and Brian M. Patten; **127**(4), 2228–2245
— *see Nelan, Edmund P.*, **128**(1), 323–329
Malecki, Justin J. — *see Smith, Russell J.*, **128**(4), 1558–1569
Malesani, D. — *see Klose, S.*, **128**(5), 1942–1954
Malhotra, R. — *see Bernstein, G. M.*, **128**(3), 1364–1390
Malhotra, S. — *see Wang, J.-X.*, **127**(1), 213–229
Malik, Tanu — *see Abazajian, Kevork*, **128**(1), 502–512
Malin, David — *see Coleman, Matthew*, **127**(2), 832–839
Malphrus, Benjamin K. — *see Iyer, Mansie G.*, **128**(3), 985–996
Manchado, A. — *see Manteiga, M.*, **127**(6), 3437–3443
Mandell, Avi M. — A Search for ^{6}Li in Lithium-poor Stars with Planets — Avi M. Mandell, Jian Ge, and Norm Murray; **127**(2), 1147–1157
Mannery, Ed — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Mannucci, F. — *see Klose, S.*, **128**(5), 1942–1954
Manteiga, M. — PN G000.2+06.1 and PN G002.3+02.2: Two New Type I Planetary Nebulae in the Galactic Bulge — M. Manteiga, A. Manchado, P. García-Lario, and C. Pérez de los Heros; **127**(6), 3437–3443
Marcelin, M. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Marchenko, S. V. — *see Moffat, A. F. J.*, **128**(6), 2854–2861
Marco, F. J. — Analysis of Systematic Differences of Astrometric Catalogs in a Band — F. J. Marco, M. J. Martínez, and J. A. López; **127**(1), 549–559
Marconi, A. — *see Scarlata, C.*, **128**(3), 1124–1137
Marconi, M. — *see Brocato, E.*, **128**(4), 1597–1605
Marcum, Pamela M. — Early-Type Galaxies in Extremely Isolated Environments: Typical Ellipticals? — Pamela M. Marcum, Christian E. Aars, and Michael N. Fanelli; **127**(6), 3213–3234
Marcy, Geoffrey W. — *see Johnson, John Asher*, **128**(3), 1265–1272
Margon, Bruce — *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Downes, Ronald A.*, **128**(5), 2288–2294
Marley, M. S. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Marquarding, M. — *see Koribalski, B. S.*, **128**(1), 16–46
Marscher, Alan P. — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Marshall, S. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Marshall, S. L. — *see Alcock, C.*, **127**(1), 334–354
Martel, A. R. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— Dust and Ionized Gas in Nine Nearby Early-Type Galaxies Imaged with the *Hubble Space Telescope* Advanced Camera for Surveys — A. R. Martel, H. C. Ford, L. D. Bradley, H. D. Tran, F. Menanteau, Z. I. Tsvetanov, G. D. Illingworth, G. F. Hartig, and M. Clampin; **128**(6), 2758–2771
Martín, Eduardo L. — Spectroscopic Identification of DENIS-selected Brown Dwarf Candidates in the Upper Scorpius OB Association — Eduardo L. Martín, Xavier Delfosse, and Sylvain Guieu; **127**(1), 449–454
Martin, J. C. — η Carinae's Brightness Variations since 1998: *Hubble Space Telescope* Observations of the Central Star — J. C. Martin, M. D. Koppelman, and the *HST* η Carinae Treasury Project Team; **127**(4), 2352–2361
— The Origins and Evolutionary Status of B Stars Found Far from the Galactic Plane. I. Composition and Spectral Features — J. C. Martin; **128**(5), 2474–2500
Martínez, Héctor J. — *see Bornancini, Carlos G.*, **127**(2), 679–685
Martínez, M. J. — *see Marco, F. J.*, **127**(1), 549–559
Martínez-Delgado, D. — *see Butler, D. J.*, **127**(3), 1472–1485
— *see Gallart, C.*, **127**(3), 1486–1501
Martínez-Delgado, David — *see Coleman, Matthew*, **127**(2), 832–839
— *see Koch, Andreas*, **128**(5), 2274–2287
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Marzke, Ronald O. — *see Jordán, Andrés*, **127**(1), 24–47
— *see Abraham, Roberto G.*, **127**(5), 2455–2483
Masciadri, E. — *see Raga, A. C.*, **127**(2), 1081–1088
Masetti, N. — *see Klose, S.*, **128**(5), 1942–1954
Mas-Hesse, J. M. — *see Maíz-Apellániz, J.*, **128**(3), 1196–1218
Mason, Brian D. — Speckle Interferometry at the US Naval Observatory. IX. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Dan Pascu, Sean E. Urban, David M. Hall, Greg S. Hennessy, Theodore J. Rafferty, Laura Flagg, Dean Kang, Paul Ries, and Ellis Holdenried; **127**(1), 539–548
— Speckle Interferometry at the US Naval Observatory. X. — Brian D. Mason, William I. Hartkopf, Gary L. Wycoff, Theodore J. Rafferty, Sean E. Urban, and Laura Flagg; **128**(6), 3012–3018
Masreliez, C. Johan — *see Kolesnik, Yuri B.*, **128**(2), 878–888
Massey, Richard — Weak Lensing from Space. II. Dark Matter Mapping — Richard Massey, Jason Rhodes, Alexandre Refregier, Justin Albert, David Bacon, Gary Bernstein, Richard Ellis, Bhuvnesh Jain, Tim McKay, Saul Perlmutter, and Andy Taylor; **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Masters, Karen L. — Erratum: "Internal Extinction in Spiral Galaxies in the Near-Infrared" [Astron. J. **126**, 158 (2003)] — Karen L. Masters, Riccardo Giovanelli, and Martha P. Haynes; **127**(2), 1257
Matarrese, Sabino — *see Grazian, Andrea*, **127**(2), 592–605
Mateo, Mario — *see Alonso-García, Javier*, **127**(2), 868–874
— *see Piatek, Slawomir*, **128**(2), 951
Mathieu, Robert D. — *see Stassun, Keivan G.*, **127**(6), 3537–3552
Mathur, S. — *see Grupe, D.*, **127**(1), 1–9
— *see Grupe, D.*, **127**(6), 3161–3167
— *see Grupe, D.*, **128**(4), 1524–1528
Matsubara, Takahiko — *see Abazajian, Kevork*, **128**(1), 502–512
Matsuda, Yuichi — A Subaru Search for Lyα Blobs in and around the Protocluster Region at Redshift $z = 3.1$ — Yuichi Matsuda, Toru Yamada, Tomoki Hayashino, Hajime Tamura, Ryosuke Yamauchi, Masaru Ajiki, Shinobu S. Fujita, Takashi Murayama, Tohru Nagao, Kouji Ohta, Sadanori Okamura, Masami Ouchi, Kazuhiro Shimasaku, Yasuhiro Shioya, and Yoshiaki Taniguchi; **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Matsuhara, Hideo — *see Sato, Yasunori*, **127**(3), 1285–1304
Matteucci, Francesca — *see Carraro, Giovanni*, **128**(4), 1676–1683
Matthews, Jaymie M. — *see Ferdman, Robert D.*, **127**(1), 380–393
Matthews, L. D. — Optical Imaging and Spectroscopy of the Edge-on Sbc Galaxy UGC 10043: Evidence for a Galactic Wind and a Peculiar Triaxial Bulge — L. D. Matthews and R. de Grijs; **128**(1), 137–162
Matute, I. — *see La Franca, F.*, **127**(6), 3075–3088
Maximov, A. F. — *see Docobo, J. A.*, **127**(2), 1181–1186
Maza, José — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Mazuk, S. — *see Venturini, Catherine C.*, **128**(1), 405–410
— *see Lynch, David K.*, **128**(6), 2962–2964
Mazuk, Stephan — *see Lynch, David K.*, **127**(2), 1089–1097
Mazzarella, Joseph M. — *see Surace, Jason A.*, **127**(6), 3235–3272
McArthur, B. E. — *see Harrison, Thomas E.*, **127**(1), 460–468
McArthur, Barbara E. — *see Golimowski, David A.*, **128**(4), 1733–1747
McCall, Marshall L. — Discovery of a Huge Young Stellar Object Interaction Region in Camelopardalis — Marshall L. McCall, Ronald J. Buta, Tyler J. Foster, Walter Huchtmeier, and John Huchra; **128**(1), 375–386
McCall, Marshall L. — On Determining Extinction from Reddening — Marshall L. McCall; **128**(5), 2144–2169
McCarthy, C. — The Brown Dwarf Desert at 75–1200 AU — C. McCarthy and B. Zuckerman; **127**(5), 2871–2884
McCarthy, Patrick — *see Krisciunas, Kevin*, **128**(6), 3034–3052
McCarthy, Patrick J. — *see Abraham, Roberto G.*, **127**(5), 2455–2483
McClintock, Jeffrey E. — *see Williams, Benjamin F.*, **128**(4), 1588–1596

McCulloch, Peter M. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Fey, Alan L.*, **128**(5), 2593–2598
McCullough, Peter R. — *see O'Dell, C. R.*, **128**(5), 2339–2356
McElwain, Michael W. — *see Burgasser, Adam J.*, **127**(5), 2856–2870
McGehee, Peregrine M. — *see West, Andrew A.*, **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
McGowan, K. E. — *see Woźniak, P. R.*, **127**(4), 2436–2449
McGregor, Peter J. — *see Drake, Catherine L.*, **128**(3), 955–968
— *see Drake, Catherine L.*, **128**(3), 969–984
McIntosh, Daniel H. — Quasars as Absorption Probes of the J0053+1234 Region — Daniel H. McIntosh, Chris D. Impey, and Catherine E. Petry; **128**(2), 544–560
McKay, T. A. — *see Woźniak, P. R.*, **127**(4), 2436–2449
McKay, Tim — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
McKay, Timothy A. — *see Kelly, Brandon C.*, **127**(2), 625–645
— *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
McLaughlin, Dean E. — *see Böker, Torsten*, **127**(1), 105–118
McLeod, Brian — *see Holland, Stephen T.*, **128**(5), 1955–1964
McMahon, Richard G. — *see Hu, Esther M.*, **127**(2), 563–575
McNally, C. — *see Capak, P.*, **127**(1), 180–198
McNeil, Douglas — *see Wiegert, Paul*, **127**(2), 1218–1226
Megeath, S. T. — *see Sollins, P. K.*, **128**(5), 2374–2387
Meier, David S. — Dynamically Influenced Molecular Clouds in the Nucleus of NGC 6946: Variations in the CO Isotopic Line Ratios — David S. Meier and Jean L. Turner; **127**(4), 2069–2084
Meiksin, Avery — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Meixner, Margaret — *see O'Dell, C. R.*, **128**(5), 2339–2356
Melbourne, J. — Measuring the Slope of the Dust Extinction Law and the Power Spectrum of Dust Clouds Using Differentially Reddened Globular Clusters — J. Melbourne and P. Guhathakurta; **128**(1), 271–286
Melbourne, Jason — Metal Abundances of KISS Galaxies. II. Nebular Abundances of 12 Low-Luminosity Emission-Line Galaxies — Jason Melbourne, Andrew Phillips, John J. Salzer, Caryl Gronwall, and Vicki L. Sarajedini; **127**(2), 686–703
Menanteau, F. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Mendez, J. — *see Garavini, G.*, **128**(1), 387–404
Menten, K. M. — *see Carilli, C. L.*, **128**(3), 997–1001
Merrifield, M. — *see Scarlata, C.*, **128**(3), 1124–1137
Meurer, G. R. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Meusinger, Helmut — *see Grupe, Dirk*, **127**(1), 156–179
Meyer, M. — *see Koribalski, B. S.*, **128**(1), 16–46
Meyer, M. J. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
Meyer, Michael R. — *see Wilking, Bruce A.*, **127**(2), 1131–1146
Meyer, Reed D. — *see Horch, Elliott P.*, **127**(3), 1727–1735
Mieske, S. — Ultracompact Dwarf Galaxies in Abell 1689: A Photometric Study with the Advanced Camera for Surveys — S. Mieske, L. Infante, N. Benítez, D. Coe, J. P. Blakeslee, K. Zekser, H. C. Ford, T. J. Broadhurst, G. D. Illingworth, G. F. Hartig, M. Clampin, D. R. Ardila, F. Bartko, R. J. Bouwens, R. A. Brown, C. J. Burrows, E. S. Cheng, N. J. G. Cross, P. D. Feldman, M. Franx, D. A. Golimowski, T. Goto, C. Gronwall, B. Holden, N. Homeier, R. A. Kimble, J. E. Krist, M. P. Lesser, A. R. Martel, F. Menanteau, G. R. Meurer, G. K. Miley, M. Postman, P. Rosati, M. Sirianni, W. B. Sparks, H. D. Tran, Z. I. Tsvetanov, R. L. White, and W. Zheng; **128**(4), 1529–1540
Mignoli, M. — *see La Franca, F.*, **127**(6), 3075–3088
Mihos, J. Christopher — *see Gerssen, Joris*, **127**(1), 75–89
Mikhail, Ayman — *see Wilking, Bruce A.*, **127**(2), 1131–1146
Miknaitis, Gajus — *see Raymond, Sean N.*, **127**(5), 2978–2987
Mikołajewska, Joanna — *see Kolb, Kelly*, **128**(4), 1790–1794
Miley, G. K. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Millenaar, R. P. — *see Baan, W. A.*, **128**(2), 933–949
Miller, Bryan — *see Seth, Anil*, **127**(2), 798–815
Miller, Bryan W. — *see Olsen, Knut A. G.*, **127**(5), 2674–2693
Miller, C. — *see Bloom, S. D.*, **128**(1), 56–61
Miller, G. J. — *see Garavini, G.*, **128**(1), 387–404
Miller, Joleen — *see Kolb, Kelly*, **128**(4), 1790–1794
Miller, Neal A. — *see Lynch, David K.*, **127**(2), 1089–1097
Milne, Margaret — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Minchin, R. F. — *see Koribalski, B. S.*, **128**(1), 16–46
Minniti, D. — *see Alcock, C.*, **127**(1), 334–354
— *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Minniti, Dante — *see Jordán, Andrés*, **127**(1), 24–47
— *see Bornancini, Carlos G.*, **127**(2), 679–685
— *see Gregg, Michael D.*, **127**(3), 1441–1459
— *see Piatek, Slawomir*, **128**(2), 951
— *see Gieren, Wolfgang*, **128**(3), 1167–1176
Minowa, Yosuke — *see Tokunaga, A. T.*, **127**(1), 444–448
Miranda, Luis F. — *see Delgado, Antonio J.*, **128**(1), 330–342
— *see Guerrero, Martín A.*, **128**(4), 1694–1704
Misawa, Toru — H I Gas in Higher Density Regions of the Intergalactic Medium — Toru Misawa, David Tytler, Masanori Iye, Pascal Paschos, Michael Norman, David Kirkman, John O'Meara, Nao Suzuki, and Nobunari Kashikawa; **128**(6), 2954–2961
Miyaji, Takamitsu — Multiwavelength Properties of the X-Ray Sources in the Groth-Westphal Strip Field — Takamitsu Miyaji, Vicki Sarajedini, Richard E. Griffiths, Toru Yamada, Matthew Schurch, David Cristóbal-Hornillos, and Kentaro Motohara; **127**(6), 3180–3191
Miyazaki, Masayuki — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Miyazaki, S. — *see Capak, P.*, **127**(1), 180–198
Miyazaki, Satoshi — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Mochejska, B. J. — Planets in Stellar Clusters Extensive Search. II. Discovery of 57 Variables in the Cluster NGC 2158 with Millimagnitude Image Subtraction Photometry — B. J. Mochejska, K. Z. Stanek, D. D. Sasselov, A. H. Szentgyorgyi, M. Westover, and J. N. Winn; **128**(1), 312–322
Moffat, A. F. J. — *Hubble Space Telescope* NICMOS Variability Study of Massive Stars in the Young Dense Galactic Starburst NGC 3603 — A. F. J. Moffat, V. Poitras, S. V. Marchenko, M. M. Shara, D. R. Zurek, E. Bergeron, and E. A. Antokhina; **128**(6), 2854–2861
Moffat, Anthony F. J. — *see Nelan, Edmund P.*, **128**(1), 323–329
Mohan, N. — *see Carilli, C. L.*, **128**(3), 997–1001
Momjian, Emmanuel — VLBA Observations of $z > 4$ Radio-loud Quasars — Emmanuel Momjian, Andreea O. Petric, and Christopher L. Carilli; **127**(2), 587–591
Monet, D. G. — *see Zacharias, N.*, **127**(5), 3043–3059
Monet, David G. — *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Girard, Terrence M.*, **127**(5), 3060–3071
— *see Hanson, Robert B.*, **128**(3), 1430–1445
Moniez, M. — *see Garavini, G.*, **128**(1), 387–404
Moody, J. Ward — *see Gronwall, Caryl*, **127**(4), 1943–1958
Moore, Brian D. — Systematic Errors in Elemental Abundances Derived from Nebular Spectra — Brian D. Moore, J. Jeff Hester, and Reginald J. Dufour; **127**(6), 3484–3492
Moore, Stephen A. W. — *see Smith, Russell J.*, **128**(4), 1558–1569
Moreira, J. L. Kohl — *see Kohl Moreira, J. L.*
Morbidelli, Alessandro — *see Levison, Harold F.*, **128**(5), 2553–2563
— Scenarios for the Origin of the Orbits of the Trans-Neptunian Objects 2000 CR_{105} and 2003 VB_{12} (Sedna) — Alessandro Morbidelli and Harold F. Levison; **128**(5), 2564–2576
Morgan, Nicholas D. — WFI J2026−4536 and WFI J2033−4723: Two New Quadruple Gravitational Lenses — Nicholas D. Morgan, John A. R. Caldwell, Paul L. Schechter, Alan Dressler, Eiichi Egami, and Hans-Walter Rix; **127**(5), 2617–2630
Morganti, R. — *see Wrobel, J. M.*, **128**(1), 103–108
Moriarty-Schieven, Gerald — *see Reipurth, Bo*, **127**(2), 1069–1080
Moro-Martín, Amaya — *see Krsiciunas, Kevin*, **128**(6), 3034–3052
Morris, Mark — *see Shuping, R. Y.*, **128**(1), 363–374
Moscardini, Lauro — *see Grazian, Andrea*, **127**(2), 592–605
Motohara, Kentaro — *see Miyaji, Takamitsu*, **127**(6), 3180–3191
Mould, J. R. — *see Koribalski, B. S.*, **128**(1), 16–46
Mourão, A. — *see Garavini, G.*, **128**(1), 387–404
Mozurkewich, D. — *see Tycner, Christopher*, **127**(2), 1194–1203
Muena, César — *see Krsiciunas, Kevin*, **128**(6), 3034–3052
Muench, August A. — *see Lada, Charles J.*, **128**(3), 1254–1264
Mufson, S. — *see Vivas, A. K.*, **127**(2), 1158–1175
Mungall, F. — *see Reid, I. Neill*, **128**(1), 463–483
Munn, J. A. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578

Munn, Jeffrey A. — An Improved Proper-Motion Catalog Combining USNO-B and the Sloan Digital Sky Survey — Jeffrey A. Munn, David G. Monet, Stephen E. Levine, Blaise Canzian, Jeffrey R. Pier, Hugh C. Harris, Robert H. Lupton, Željko Ivezić, Robert B. Hindsley, G. S. Hennessy, Donald P. Schneider, and J. Brinkmann: **127**(5), 3034–3042
— *see West, Andrew A.*, **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Muñoz-Tuñón, C. — *see Aguerri, J. A. L.*, **127**(3), 1344–1359
Muñoz-Tuñón, Casiana — The Inner Ring of NGC 4736: Star Formation on a Resonant Pattern — Casiana Muñoz-Tuñón, Nicola Caon, and J. Alfonso L. Aguerri: **127**(1), 58–74
Murayama, Takashi — *see Nagao, Tohru*, **128**(1), 109–114
— *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Nagao, Tohru*, **128**(5), 2066–2072
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Murdock, Thomas L. — *see Price, S. D.*, **128**(2), 889–910
Murowinski, Richard — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Murphy, D. C. — *see Persson, S. E.*, **128**(5), 2239–2264
Murray, C. D. — *see Cooper, N. J.*, **127**(2), 1204–1217
Murray, Norm — *see Mandell, Avi M.*, **127**(2), 1147–1157
Musella, I. — *see Brocato, E.*, **128**(4), 1597–1605
Mushotzky, R. F. — *see Steffen, A. T.*, **128**(4), 1483–1500
— *see Yang, Y.*, **128**(4), 1501–1523
Musser, J. — *see Vivas, A. K.*, **127**(2), 1158–1175
Muzerolle, James — *see Sicilia-Aguilar, Aurora*, **128**(2), 805–821
— *see Calvet, Nuria*, **128**(3), 1294–1318
Muzzin, A. — *see Alcock, C.*, **127**(1), 334–354

N

Nagao, Tohru — Detection of the Polarized Broad Emission Line in the Seyfert 2 Galaxy Markarian 573 — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Ryoko Sumiya, and Shunji S. Sasaki: **128**(1), 109–114
— *see Matsuda, Yuichi*, **128**(2), 569–584
— Subaru Spectropolarimetry of Markarian 573: The Hidden High-Ionization Nuclear Emission-Line Region inside the Dusty Torus — Tohru Nagao, Koji S. Kawabata, Takashi Murayama, Youichi Ohyama, Yoshiaki Taniguchi, Yasuhiro Shioya, Ryoko Sumiya, and Shunji S. Sasaki: **128**(5), 2066–2072
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Nakajima, Reiko — *see Abazajian, Kevork*, **128**(1), 502–512
Nakamura, Osamu — The Hα Luminosity Function of Morphologically Classified Galaxies in the Sloan Digital Sky Survey — Osamu Nakamura, Masataka Fukugita, Jon Brinkmann, and Donald P. Schneider: **127**(5), 2511–2521
Nakanishi, Kouichiro — *see Imanishi, Masatoshi*, **128**(5), 2037–2047
Nakata, Fumiaki — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Naranjo, O. — *see Vivas, A. K.*, **127**(2), 1158–1175
Nash, Thomas — *see Abazajian, Kevork*, **128**(1), 502–512
Navarro, Juan F. — *see Ferrándiz, José M.*, **128**(3), 1407–1411
Nedachi, Ko — *see Tokunaga, A. T.*, **127**(1), 444–448
Neff, James E. — *see O'Neal, Douglas*, **128**(4), 1802–1811
Negrello, Mattia — *see Grazian, Andrea*, **127**(2), 592–605
Neill, James D. — The Hα Light Curves and Spatial Distribution of Novae in M81 — James D. Neill and Michael M. Shara: **127**(2), 816–831
Neilsen, Eric — *see Hall, Patrick B.*, **127**(6), 3146–3154
Neilsen, Eric H. — *see Raymond, Sean N.*, **127**(5), 2978–2987
Neilsen, Eric H., Jr. — *see Rider, Cristin J.*, **127**(4), 2210–2227
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Nelan, Edmund P. — Resolving OB Systems in the Carina Nebula with the *Hubble Space Telescope* Fine Guidance Sensor — Edmund P. Nelan, Nolan R. Walborn, Debra J. Wallace, Anthony F. J. Moffat, Russell B. Makidon, Douglas R. Gies, and Nino Panagia: **128**(1), 323–329
— *see Golimowski, David A.*, **128**(4), 1733–1747
Nelan, Jenica E. — *see Smith, Russell J.*, **128**(4), 1558–1569
Nelson, Brant O. — *see Francis, Paul J.*, **127**(2), 646–655
Nelson, C. A. — *see Alcock, C.*, **127**(1), 334–354
Nelson, C. H. — *see Weistrop, D.*, **127**(3), 1360–1370
Nemec, James M. — Physical Characteristics of the RR Lyrae Stars in the Very Metal Poor Globular Cluster NGC 5053 — James M. Nemec: **127**(4), 2185–2209
Nesvorný, D. — *see Carruba, V.*, **128**(4), 1899–1915
Nesvorný, David — Collisional Origin of Families of Irregular Satellites — David Nesvorný, Cristian Beaugé, and Luke Dones: **127**(3), 1768–1783
Newberg, H. — *see Garavini, G.*, **128**(1), 387–404
Newberg, Heidi Jo — *see Abazajian, Kevork*, **128**(1), 502–512
Newman, Jeffrey A. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Newman, P. R. — *see Hall, Patrick B.*, **127**(6), 3146–3154
Newman, Peter R. — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
— *see Schmidt, Edward G.*, **128**(6), 2988–2996
Nichol, R. C. — *see Yip, C.-W.*, **128**(2), 585–609
Nichol, Robert C. — *see Abazajian, Kevork*, **128**(1), 502–512
Nicinski, Tom — *see Abazajian, Kevork*, **128**(1), 502–512
Nicolson, George D. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(6), 3609–3621
Niederste-Ostholt, Martin — *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Hall, Patrick B.*, **128**(2), 534–543
Nieto-Santisteban, Maria — *see Abazajian, Kevork*, **128**(1), 502–512
Nitta, Atsuko — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Nobili, S. — *see Garavini, G.*, **128**(1), 387–404
Noll, Keith S. — The Orbit and Albedo of Trans-Neptunian Binary (58534) 1997 CQ_{29} — Keith S. Noll, Denise C. Stephens, Will M. Grundy, David J. Osip, and Ian Griffin: **128**(5), 2547–2552
Nonino, M. — *see Rosati, P.*, **127**(1), 230–238
Nord, Michael E. — High-Resolution, Wide-Field Imaging of the Galactic Center Region at 330 MHz — Michael E. Nord, T. Joseph W. Lazio, Namir E. Kassim, S. D. Hyman, T. N. LaRosa, C. L. Brogan, and N. Duric: **128**(4), 1646–1670
Nordsieck, Kenneth H. — *see Clayton, Geoffrey C.*, **127**(6), 3382–3387
Noriega-Crespo, Alberto — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Norman, C. — *see Rosati, P.*, **127**(1), 230–238
Norman, C. A. — *see Wang, J.-X.*, **127**(1), 213–229
Norman, Colin A. — *see Rossa, Jörn*, **128**(2), 674–686
Norman, Michael — *see Misawa, Toru*, **128**(6), 2954–2961
Noyes, R. W. — *see Hartman, J. D.*, **128**(4), 1761–1783
Nugent, P. E. — *see Garavini, G.*, **128**(1), 387–404
Nugent, Peter E. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Nysewander, M. — *see Klose, S.*, **128**(5), 1942–1954

O

O'Brien, J. — *see Koribalski, B. S.*, **128**(1), 16–46
O'Dell, C. R. — *see Zapata, Luis A.*, **127**(4), 2252–2261
— *see Doi, Takao*, **127**(6), 3456–3478
— Unraveling the Helix Nebula: Its Structure and Knots — C. R. O'Dell, Peter R. McCullough, and Margaret Meixner: **128**(5), 2339–2356
Odenkirchen, Michael — *see Dehnen, Walter*, **127**(5), 2753–2770
— *see Koch, Andreas*, **128**(5), 2274–2287
Odewahn, S. C. — *see Lopes, P. A. A.*, **128**(3), 1017–1045
— *see Gal, R. R.*, **128**(6), 3082–3091
— The Digitized Second Palomar Observatory Sky Survey (DPOSS). III. Star-Galaxy Separation — S. C. Odewahn, R. R. de Carvalho, R. R. Gal, S. G. Djorgovski, R. Brunner, A. Mahabal, P. A. A. Lopes, J. L. Kohl Moreira, and B. Stalder: **128**(6), 3092–3107
Oey, M. S. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— Massive Field Stars and the Stellar Clustering Law — M. S. Oey, N. L. King, and J. Wm. Parker: **127**(3), 1632–1643
Ogloza, Waldemar — *see Pych, Wojtek*, **127**(3), 1712–1719
Ohta, Kouji — *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
— *see Kiuchi, Gaku*, **128**(6), 2743–2748
Ohtani, H. — *see Hattori, T.*, **127**(2), 736–757
Ohyama, Youichi — *see Yoshida, Michitoshi*, **127**(1), 90–104
— Subaru Spectroscopy of the Giant Lyα Nebula Associated with the High-z Powerful Radio Galaxy 1243+036 — Youichi Ohyama and Yoshiaki Taniguchi: **127**(3), 1313–1317
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Nagao, Tohru*, **128**(1), 109–114
— *see Nagao, Tohru*, **128**(5), 2066–2072
— Subaru Deep Spectroscopy of a Star-forming Companion Galaxy of BR 1202−0725 at $z = 4.7$ — Youichi Ohyama, Yoshiaki Taniguchi, and Yasuhiro Shioya: **128**(6), 2704–2711

Ojha, Roopesh — *see Fey, Alan L.*, **127**(3), 1791–1795
— VLBI Observations of the Gigahertz-peaked Spectrum Galaxy PKS 1934−638 — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, Anastasios K. Tzioumis, and John E. Reynolds; **127**(4), 1977–1981
— VLBI Observations of Southern Hemisphere ICRF Sources. I. — Roopesh Ojha, Alan L. Fey, Kenneth J. Johnston, David L. Jauncey, John E. Reynolds, Anastasios K. Tzioumis, Jonathan F. H. Quick, George D. Nicolson, Simon P. Ellingsen, Richard G. Dodson, and Peter M. McCulloch; **127**(6), 3609–3621
— VLBA Snapshot Imaging Survey of Scintillating Sources — Roopesh Ojha, Alan L. Fey, James E. J. Lovell, David L. Jauncey, and Kenneth J. Johnston; **128**(4), 1570–1587
— *see Fey, Alan L.*, **128**(5), 2593–2598
— *see Winn, Joshua N.*, **128**(6), 2696–2703
Oka, Tomoharu — *see Seta, Masumichi*, **127**(2), 1098–1116
Okamoto, Y. K. — *see Girart, J. M.*, **127**(5), 2969–2977
Okamura, S. — *see Capak, P.*, **127**(1), 180–198
— *see Yip, C.-W.*, **128**(2), 585–609
Okamura, Sadanori — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
— *see Tanaka, Masayuki*, **128**(6), 2677–2695
Okuda, Haruyuki — *see Sato, Yasunori*, **127**(3), 1285–1304
Oliver, S. — *see La Franca, F.*, **127**(6), 3075–3088
Olsen, Knut — *see Seth, Anil*, **127**(2), 798–815
Olsen, Knut A. G. — The Globular Cluster Systems of the Sculptor Group — Knut A. G. Olsen, Bryan W. Miller, Nicholas B. Suntzeff, Robert A. Schommer, and John Bright; **127**(5), 2674–2693
Olszewski, Edward W. — *see Dolphin, Andrew E.*, **127**(2), 875–896
— *see Piatek, Slawomir*, **128**(2), 951
O'Meara, John — *see Misawa, Toru*, **128**(6), 2954–2961
O'Meara, John M. — *see Tytler, David*, **128**(3), 1058–1077
Omizzolo, Alessandro — *see Grazian, Andrea*, **127**(2), 592–605
Omont, A. — *see Carilli, C. L.*, **128**(3), 997–1001
O'Mullane, William — *see Abazajian, Kevork*, **128**(1), 502–512
O'Neal, Douglas — Further Results of TiO-Band Observations of Starspots — Douglas O'Neal, James E. Neff, Steven H. Saar, and Manfred Cuntz; **128**(4), 1802–1811
O'Neil, K. — New Reference Galaxy Standards for H I Emission Observations — K. O'Neil; **128**(5), 2080–2097
Oosterloo, T. — *see Koribalski, B. S.*, **128**(1), 16–46
Origlia, Livia — High-Resolution Infrared Spectra of Bulge Globular Clusters: The Extreme Chemical Abundances of Terzan 4 and Terzan 5 — Livia Origlia and R. Michael Rich; **127**(6), 3422–3430
Orin, Adam — *see Tytler, David*, **128**(3), 1058–1077
Orio, M. — *see Sion, Edward M.*, **128**(4), 1795–1801
Osborne, Heather L. — *see Harrison, Thomas E.*, **127**(6), 3493–3507
Osip, David J. — *see Noll, Keith S.*, **128**(5), 2547–2552
Osmer, Patrick S. — *see Bentz, Misty C.*, **127**(2), 576–586
— *see Bentz, Misty C.*, **128**(2), 561–568
Ostriker, Jeremiah P. — *see Abazajian, Kevork*, **128**(1), 502–512
Oswalt, T. D. — *see Sing, D. K.*, **127**(5), 2936–2947
Ouchi, Masami — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Overzier, R. — *see Cross, N. J. G.*, **128**(5), 1990–2012
Owen, Russell — *see Abazajian, Kevork*, **128**(1), 502–512
Owen, W. M., Jr. — *see Jacobson, R. A.*, **128**(3), 1412–1417
Oya, Shin — *see Tokunaga, A. T.*, **127**(1), 444–448
Ozaki, S. — *see Hattori, T.*, **127**(2), 736–757

P

Padmanabhan, Nikhil — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Pagel, Bernard E. J. — *see Garnett, Donald R.*, **128**(6), 2772–2782
Pain, R. — *see Garavini, G.*, **128**(1), 387–404
Palazzi, E. — *see Klose, S.*, **128**(5), 1942–1954
Palmer, Patrick — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Pan, Margaret — *see Brown, Michael E.*, **127**(4), 2418–2423
— A Generalization of the Lagrangian Points: Studies of Resonance for Highly Eccentric Orbits — Margaret Pan and Re'em Sari; **128**(3), 1418–1429
Panagia, Nino — *see Nelan, Edmund P.*, **128**(1), 323–329
Parker, J. Wm. — *see Oey, M. S.*, **127**(3), 1632–1643
Parker, Jennifer E. — The Asymmetric Thick Disk: A Star-Count and Kinematic Analysis. II. The Kinematics — Jennifer E. Parker, Roberta M. Humphreys, and Timothy C. Beers; **127**(3), 1567–1578
Parsons, Sidney B. — New and Confirmed Triple Systems with Luminous Cool Primaries and Hot Companions — Sidney B. Parsons; **127**(5), 2915–2930
Paschos, Pascal — *see Misawa, Toru*, **128**(6), 2954–2961
Pascu, Dan — *see Mason, Brian D.*, **127**(1), 539–548
— *Hubble Space Telescope* Astrometric Observations and Orbital Mean Motion Corrections for the Inner Satellites of Neptune — Dan Pascu, James R. Rohde, P. Kenneth Seidelmann, Eddie N. Wells, John L. Hershey, Alex D. Storrs, Ben H. Zellner, Amanda S. Bosh, and Douglas G. Currie; **127**(5), 2988–2996
Patat, Ferdinando — *see Carraro, Giovanni*, **128**(4), 1676–1683
Patten, Brian M. — *see Makidon, Russell B.*, **127**(4), 2228–2245
Patterson, Richard J. — *see Majewski, Steven R.*, **128**(1), 245–259
Pauls, George — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Pauls, T. A. — *see Tycner, Christopher*, **127**(2), 1194–1203
Paulson, Diane B. — Searching for Planets in the Hyades. III. The Quest for Short-Period Planets — Diane B. Paulson, Steven H. Saar, William D. Cochran, and Gregory W. Henry; **127**(3), 1644–1652
— Searching for Planets in the Hyades. V. Limits on Planet Detection in the Presence of Stellar Activity — Diane B. Paulson, William D. Cochran, and Artie P. Hatzes; **127**(6), 3579–3586
Paxson, Charles — *see Price, S. D.*, **128**(2), 889–910
Pedersen, K. — *see Klose, S.*, **128**(5), 1942–1954
Peoples, John — *see Abazajian, Kevork*, **128**(1), 502–512
Perdereau, O. — *see Garavini, G.*, **128**(1), 387–404
Pérez, E. — *see Maíz-Apellániz, J.*, **128**(3), 1196–1218
Pérez de los Heros, C. — *see Manteiga, M.*, **127**(6), 3437–3443
Perley, R. A. — *see Lane, W. M.*, **127**(1), 48–52
Perlmutter, S. — *see Garavini, G.*, **128**(1), 387–404
Perlmutter, Saul — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Perry, R. Brad — *see Lynch, David K.*, **128**(6), 2962–2964
Persson, S. E. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— New Cepheid Period-Luminosity Relations for the Large Magellanic Cloud: 92 Near-Infrared Light Curves — S. E. Persson, Barry F. Madore, W. Krzemiński, Wendy L. Freedman, M. Roth, and D. C. Murphy; **128**(5), 2239–2264
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Peters, C. — *see Bloom, S. D.*, **128**(1), 56–61
Peterson, B. A. — *see Alcock, C.*, **127**(1), 334–354
Peterson, Ruth C. — *see Sneden, Christopher*, **127**(4), 2162–2184
Petric, Andreea O. — *see Momjian, Emmanuel*, **127**(2), 587–591
Petry, Catherine E. — *see McIntosh, Daniel H.*, **128**(2), 544–560
Pettersson, Bertil — *see Reipurth, Bo*, **127**(2), 1117–1130
Phelps, Randy L. — Herbig-Haro Flows in Ophiuchus — Randy L. Phelps and Mary Barsony; **127**(1), 420–443
— *see Ybarra, Jason E.*, **127**(6), 3444–3455
Phillips, Andrew — *see Melbourne, Jason*, **127**(2), 686–703
Phillips, Mark M. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Pian, E. — *see Klose, S.*, **128**(5), 1942–1954
Piatek, Slawomir — Erratum: "Proper Motions of Dwarf Spheroidal Galaxies from *Hubble Space Telescope* Imaging. II. Measurement for Carina" [Astron. J. **126**, 2346 (2003)] — Slawomir Piatek, Carlton Pryor, Edward W. Olszewski, Hugh C. Harris, Mario Mateo, Dante Minniti, and Christopher G. Tinney; **128**(2), 951
Pier, Jeffrey R. — *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Abazajian, Kevork*, **128**(1), 502–512
Pierce, M. — *see Bloom, S. D.*, **128**(1), 56–61
Pietrzyński, Grzegorz — *see Gieren, Wolfgang*, **128**(3), 1167–1176
— The Araucaria Project: The Distance to the Local Group Galaxy NGC 6822 from Cepheid Variables Discovered in a Wide-Field Imaging Survey — Grzegorz Pietrzyński, Wolfgang Gieren, Andrzej Udalski, Fabio Bresolin, Rolf-Peter Kudritzki, Igor Soszyński, Michał Szymański, and Marcin Kubiak; **128**(6), 2815–2825
Pilachowski, Catherine A. — *see Cavallo, Robert M.*, **127**(6), 3411–3421
Pindor, Bart — SDSS J115517.35+634622.0: A Newly Discovered Gravitationally Lensed Quasar — Bart Pindor, Daniel J. Eisenstein, Naohisa Inada, Michael D. Gregg, Robert H. Becker, Jon Brinkmann, Scott Burles, Joshua A. Frieman, David E. Johnston, Gordon T. Richards, Donald P. Schneider, Ryan Scranton, Maki Sekiguchi, Edwin L. Turner, and Donald G. York; **127**(3), 1318–1324
Pindor, Bartosz — *see Richards, Gordon T.*, **127**(3), 1305–1312

Pinsonneault, Marc H. — *see Burke, Christopher J.*, **127**(4), 2382–2397
Pinte, Christophe — *see Kaufer, Andreas*, **127**(5), 2723–2737
Pinto, Philip A. — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Pinzón, Giovanni — *see de la Reza, Ramiro*, **128**(4), 1812–1824
Pisano, D. J. — Searching for the Intragroup Medium in Loose Groups of Galaxies — D. J. Pisano, Bart P. Wakker, Eric M. Wilcots, and Dirk Fabian; **127**(1), 199–212
Platais, Imants — *see Girard, Terrence M.*, **127**(5), 3060–3071
Pogge, Richard W. — *see Burke, Christopher J.*, **127**(4), 2382–2397
Poitras, V. — *see Moffat, A. F. J.*, **128**(6), 2854–2861
Polak, Allyson A. — *see Majewski, Steven R.*, **128**(1), 245–259
Pollock, Joseph T. — *see Howard, Emily S.*, **127**(1), 17–23
Pont, Frédéric — The Chemical Enrichment History of the Fornax Dwarf Spheroidal Galaxy from the Infrared Calcium Triplet — Frédéric Pont, Robert Zinn, Carme Gallart, Eduardo Hardy, and Rebeccah Winnick; **127**(2), 840–860
Pope, Adrian C. — *see Abazajian, Kevork*, **128**(1), 502–512
Popowski, P. — *see Alcock, C.*, **127**(1), 334–354
Portegies Zwart, Simon — *see Chakrabarty, Dalia*, **128**(3), 1046–1057
Porter, Alain — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Postman, M. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Postman, Marc — *see Stanford, S. A.*, **127**(1), 131–155
Pozzi, F. — *see La Franca, F.*, **127**(6), 3075–3088
Prada, Francisco — *see Kniazev, Alexei Yu.*, **127**(2), 704–727
— *see Lee, Brian C.*, **127**(4), 1811–1859
Pramskij, Alexander G. — *see Kniazev, Alexei Yu.*, **127**(2), 704–727
Prasad, V. — *see Garavini, G.*, **128**(1), 387–404
Pravdo, Steven — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Preblich, Brandon — *see Keyes, Charles D.*, **128**(6), 2981–2987
Predehl, P. — *see Grupe, D.*, **128**(4), 1524–1528
Prescott, Moire K. M. — *see Wilcots, Eric M.*, **127**(4), 1900–1916
Price, R. M. — *see Koribalski, B. S.*, **128**(1), 16–46
Price, S. D. — Spectral Irradiance Calibration in the Infrared. XV. Absolute Calibration of Standard Stars by Experiments on the *Midcourse Space Experiment* — S. D. Price, Charles Paxson, Charles Engelke, and Thomas L. Murdock; **128**(2), 889–910
Prieto, C. — *see Docobo, J. A.*, **127**(2), 1181–1186
Prieto, José Luis — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Primack, Joel — *see Lotz, Jennifer M.*, **128**(1), 163–182
Pritchet, Christopher J. — *see Durrell, Patrick R.*, **128**(1), 260–270
Pritzl, Barton J. — The Dwarf Spheroidal Companions to M31: Variable Stars in Andromeda II — Barton J. Pritzl, Taft E. Armandroff, George H. Jacoby, and G. S. Da Costa; **127**(1), 318–332
— *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Proctor, Robert — *see Howell, Justin H.*, **128**(6), 2749–2757
Proctor, Robert N. — *see Beasley, Michael A.*, **128**(4), 1623–1645
Pryor, Carlton — *see Piatek, Slawomir*, **128**(2), 951
Puerari, I. — *see Block, D. L.*, **128**(1), 183–201
Puetter, R. C. — *see Venturini, Catherine C.*, **128**(1), 405–410
Puetter, Richard C. — *see Lynch, David K.*, **127**(2), 1089–1097
— *see Lynch, David K.*, **128**(6), 2962–2964
Pustilnik, Simon A. — *see Kniazev, Alexei Yu.*, **127**(2), 704–727
Putman, M. E. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Puxley, P. — *see Davidge, T. J.*, **128**(1), 300–311
Pych, Wojtek — Radial Velocity Studies of Close Binary Stars. IX. — Wojtek Pych, Slavek M. Rucinski, Heide DeBond, J. R. Thomson, Christopher C. Capobianco, R. Melvin Blake, Waldemar Ogloza, Greg Stachowski, Piotr Rogoziecki, Piotr Ligęza, and Kosmas Gazeas; **127**(3), 1712–1719
Pyo, Tae-soo — *see Tokunaga, A. T.*, **127**(1), 444–448

Q

Qi, Chunhua — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Qian, S.-B. — GR Virginis: A Deep Overcontact Binary — S.-B. Qian and Y.-G. Yang; **128**(5), 2430–2434
Qiu, Yulei — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Quick, Jonathan F. H. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(6), 3609–3621
Quimby, R. — *see Garavini, G.*, **128**(1), 387–404
Quinn, P. J. — *see Alcock, C.*, **127**(1), 334–354
Quinn, Thomas — *see Raymond, Sean N.*, **127**(5), 2978–2987
Quinn, Thomas R. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Quinney, Stephen J. — *see Smith, Russell J.*, **128**(4), 1558–1569

R

Rabinowitz, D. — *see Vivas, A. K.*, **127**(2), 1158–1175
Rafanelli, P. — *see Botte, V.*, **127**(6), 3168–3179
Rafferty, S. — *see Sing, D. K.*, **127**(5), 2936–2947
Rafferty, T. J. — *see Zacharias, N.*, **127**(5), 3043–3059
Rafferty, Theodore J. — *see Mason, Brian D.*, **127**(1), 539–548
— *see Mason, Brian D.*, **128**(6), 3012–3018
Rafikov, R. R. — Fast Accretion of Small Planetesimals by Protoplanetary Cores — R. R. Rafikov; **128**(3), 1348–1363
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Raga, A. C. — *see Beck, Tracy L.*, **127**(1), 408–419
— A Variable-Velocity, Precessing Jet Model for HH 32 — A. C. Raga, A. Riera, E. Masciadri, T. Beck, K. H. Böhm, and L. Binette; **127**(2), 1081–1088
Rakos, Karl — The Ages of Dwarf Elliptical Galaxies — Karl Rakos and James Schombert; **127**(3), 1502–1512
Ramella, Massimo — *K*-Band Properties of Well-Sampled Groups of Galaxies — Massimo Ramella, Walter Boschin, Margaret J. Geller, Andisheh Mahdavi, and Kenneth Rines; **128**(5), 2022–2036
Ramírez, Solange V. — *Chandra* X-Ray Observations of Young Clusters. I. NGC 2264 Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Thomas Hearty, Lynne Hillenbrand, Burton Jones, Russell Makidon, Steven Pravdo, Stephen Strom, and Michael Werner; **127**(5), 2659–2673
— *Chandra* X-Ray Observations of Young Clusters. II. Orion Flanking Fields Data — Solange V. Ramírez, Luisa Rebull, John Stauffer, Stephen Strom, Lynne Hillenbrand, Thomas Hearty, Eugene L. Kopan, Steven Pravdo, Russell Makidon, and Burton Jones; **128**(2), 787–804
Ramos, A. Asensio — *see Asensio Ramos, A.*
Rana, V. R. — Periodicities in the X-Ray Intensity Variations of TV Columbae: An Intermediate Polar — V. R. Rana, K. P. Singh, E. M. Schlegel, and P. Barrett; **127**(1), 489–500
Rau, A. — *see Klose, S.*, **128**(5), 1942–1954
Raux, J. — *see Garavini, G.*, **128**(1), 387–404
Raymond, John C. — *see Sankrit, Ravi*, **128**(4), 1615–1622
Raymond, Sean N. — A Strategy for Finding Near-Earth Objects with the SDSS Telescope — Sean N. Raymond, Gajus Miknaitis, Oliver J. Fraser, Arti Garg, Suzanne L. Hawley, Robert Jedicke, Thomas Quinn, Constance M. Rockosi, Christopher W. Stubbs, Scott F. Anderson, Craig J. Hogan, Željko Ivezić, Robert H. Lupton, Andrew A. West, Howard Brewington, J. Brinkmann, Michael Harvanek, Scot J. Kleinman, Jurek Krzesiński, Dan Long, Eric H. Neilsen, Peter R. Newman, Atsuko Nitta, and Stephanie A. Snedden; **127**(5), 2978–2987
— *see West, Andrew A.*, **128**(1), 426–436
Reach, William T. — *see Kelley, Michael S.*, **127**(4), 2398–2405
Rebull, L. M. — Stellar Rotation in Young Clusters: The First 4 Million Years — L. M. Rebull, S. C. Wolff, and S. E. Strom; **127**(2), 1029–1051
Rebull, Luisa — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Rebull, Luisa M. — *see Makidon, Russell B.*, **127**(4), 2228–2245
Reddy, N. A. — *see Frayer, D. T.*, **127**(2), 728–735
Ree, Chang H. — *see Rey, Soo-Chang*, **127**(2), 958–979
Refregier, Alexandre — *see Massey, Richard*, **127**(6), 3089–3101
— Weak Lensing from Space. III. Cosmological Parameters — Alexandre Refregier, Richard Massey, Jason Rhodes, Richard Ellis, Justin Albert, David Bacon, Gary Bernstein, Tim McKay, and Saul Perlmutter; **127**(6), 3102–3114
Regnault, N. — *see Garavini, G.*, **128**(1), 387–404
Reichart, D. E. — *see Klose, S.*, **128**(5), 1942–1954
Reid, I. Neill — *see Burgasser, Adam J.*, **127**(5), 2856–2870
— Meeting the Cool Neighbors. VIII. A Preliminary 20 Parsec Census from the NLTT Catalogue — I. Neill Reid, Kelle L. Cruz, Peter Allen, F. Mungall, D. Kilkenny, James Liebert, Suzanne L. Hawley, Oliver J. Fraser, Kevin R. Covey, Patrick Lowrance, J. Davy Kirkpatrick, and Adam J. Burgasser; **128**(1), 463–483
Reid, Mike — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Reipurth, Bo — *see Tokunaga, A. T.*, **127**(1), 444–448
— Deep Imaging Surveys of Star-forming Clouds. I. New Herbig-Haro Flows in NGC 2264 — Bo Reipurth, Ka Chun Yu, Gerald Moriarty-Schieven, John Bally, Colin Aspin, and Steve Heathcote; **127**(2), 1069–1080
— Hα Emission-Line Stars in Molecular Clouds. I. The NGC 2264 Region — Bo Reipurth, Bertil Pettersson, Tina Armond, John Bally, and Luiz Paulo R. Vaz; **127**(2), 1117–1130
— Radio Continuum Jets from Protostellar Objects — Bo Reipurth, Luis F. Rodríguez, Guillem Anglada, and John Bally; **127**(3), 1736–1746
— *see Walawender, Josh*, **127**(5), 2809–2816

Reitzel, David B. — Keck Spectroscopy of Red Giant Stars in the Vicinity of M31's Massive Globular Cluster G1 — David B. Reitzel, Puragra Guhathakurta, and R. Michael Rich; **127**(4), 2133–2138
— *see Rich, R. Michael*, **127**(4), 2139–2144
Rejkuba, M. — *see Richtler, T.*, **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Rejkuba, Marina — *see Jordán, Andrés*, **127**(1), 24–47
Remijan, A. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Rengstorf, A. — *see Vivas, A. K.*, **127**(2), 1158–1175
Renzini, Alvio — *see Brown, Thomas M.*, **127**(5), 2738–2752
Rest, Armin — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Rey, Soo-Chang — CCD Photometry of the Globular Cluster ω Centauri. II. Stellar Populations and Age-Metallicity Relation — Soo-Chang Rey, Young-Wook Lee, Chang H. Ree, Jong-Myung Joo, Young-Jong Sohn, and Alistair R. Walker; **127**(2), 958–979
Reynolds, Christopher S. — *see Kaspi, Shai*, **127**(5), 2631–2640
Reynolds, John E. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(4), 1977–1981
— *see Ojha, Roopesh*, **127**(6), 3609–3621
— *see Fey, Alan L.*, **128**(5), 2593–2598
— *see Winn, Joshua N.*, **128**(6), 2696–2703
Rhee, Jaehyon — *see Majewski, Steven R.*, **128**(1), 245–259
Rhoads, J. — *see Klose, S.*, **128**(5), 1942–1954
Rhoads, J. E. — *see Wang, J.-X.*, **127**(1), 213–229
Rhode, Katherine L. — The Globular Cluster Systems of the Early-Type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation — Katherine L. Rhode and Stephen E. Zepf; **127**(1), 302–317
Rhodes, Jason — *see Massey, Richard*, **127**(6), 3089–3101
— *see Refregier, Alexandre*, **127**(6), 3102–3114
Rich, J. — *see Garavini, G.*, **128**(1), 387–404
Rich, R. M. — *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Rich, R. Michael — *see Ferdman, Robert D.*, **127**(1), 380–393
— *see Saviane, Ivo*, **127**(2), 660–678
— *see Reitzel, David B.*, **127**(4), 2133–2138
— Deep Photometry in a Remote M31 Major-Axis Field near G1 — R. Michael Rich, David B. Reitzel, Puragra Guhathakurta, Karl Gebhardt, and Luis C. Ho; **127**(4), 2139–2144
— *see Brown, Thomas M.*, **127**(5), 2738–2752
— *see Origlia, Livia*, **127**(6), 3422–3430
Richards, G. T. — *see Garavini, G.*, **128**(1), 387–404
— *see Yip, C.-W.*, **128**(6), 2603–2630
Richards, Gordon T. — A Snapshot Survey for Gravitational Lenses among $z \geq 4.0$ Quasars. I. The $z > 5.7$ Sample — Gordon T. Richards, Michael A. Strauss, Bartosz Pindor, Zoltán Haiman, Xiaohui Fan, Daniel Eisenstein, Donald P. Schneider, Neta A. Bahcall, J. Brinkmann, and Robert Brunner; **127**(3), 1305–1312
— *see Pindor, Bart*, **127**(3), 1318–1324
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Richer, H. B. — *Hubble Space Telescope* Observations of the Main Sequence of M4 — H. B. Richer, G. G. Fahlman, J. Brewer, S. Davis, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2771–2792
— Concerning the White Dwarf Cooling Age of M4: A Reply to De Marchi et al. on "A Different Interpretation of Recent Deep *HST* Observations" — H. B. Richer, J. Brewer, G. G. Fahlman, J. Kalirai, P. B. Stetson, B. M. S. Hansen, R. M. Rich, R. A. Ibata, B. K. Gibson, and M. Shara; **127**(5), 2904–2908
Richer, Harvey B. — *see Ferdman, Robert D.*, **127**(1), 380–393
Richmond, Michael W. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Richtler, T. — The Globular Cluster System of NGC 1399. II. Kinematics of a Large Sample of Globular Clusters — T. Richtler, B. Dirsch, K. Gebhardt, D. Geisler, M. Hilker, M. V. Alonso, J. C. Forte, E. K. Grebel, L. Infante, S. Larsen, D. Minniti, and M. Rejkuba; **127**(4), 2094–2113
— *see Dirsch, B.*, **127**(4), 2114–2132
Rider, Cristin J. — A Survey of Open Clusters in the *u′g′r′i′z′* Filter System. I. Results for NGC 2548 (M48) — Cristin J. Rider, Douglas L. Tucker, J. Allyn Smith, Chris Stoughton, Sahar S. Allam, and Eric H. Neilsen, Jr.; **127**(4), 2210–2227
Riera, A. — *see Beck, Tracy L.*, **127**(1), 408–419
— *see Raga, A. C.*, **127**(2), 1081–1088
Ries, C. — *see Klose, S.*, **128**(5), 1942–1954
Ries, Paul — *see Mason, Brian D.*, **127**(1), 539–548
Rines, Kenneth — CAIRNS: The Cluster and Infall Region Nearby Survey. II. Environmental Dependence of Infrared Mass-to-Light Ratios — Kenneth Rines, Margaret J. Geller, Antonaldo Diaferio, Michael J. Kurtz, and Thomas H. Jarrett; **128**(3), 1078–1111
— *see Ramella, Massimo*, **128**(5), 2022–2036
Rivkin, A. S. — *see Clark, B. E.*, **128**(6), 3070–3081
Rix, Hans-Walter — *see Böker, Torsten*, **127**(1), 105–118
— *see Morgan, Nicholas D.*, **127**(5), 2617–2630
— *see Dehnen, Walter*, **127**(5), 2753–2770
— *see Abazajian, Kevork*, **128**(1), 502–512
Roberts, M. S. E. — *see Brogan, C. L.*, **127**(1), 355–367
Robinson, E. L. — *see Ioannou, Z.*, **127**(1), 481–488
Robinson, K. W. — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Rocha-Pinto, Helio J. — *see Majewski, Steven R.*, **128**(1), 245–259
Rockosi, Constance M. — *see Raymond, Sean N.*, **127**(5), 2978–2987
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Rodgers, A. W. — *see Alcock, C.*, **127**(1), 334–354
Rodríguez, L. F. — *see Girart, J. M.*, **127**(5), 2969–2977
Rodríguez, Luis F. — *see Reipurth, Bo*, **127**(3), 1736–1746
— *see Zapata, Luis A.*, **127**(4), 2252–2261
Rodríguez-Merino, L. H. — *see Bertone, E.*, **128**(2), 829–841
Rogoziecki, Piotr — *see Pych, Wojtek*, **127**(3), 1712–1719
Rohde, James R. — *see Pascu, Dan*, **127**(5), 2988–2996
Rol, E. — *see Klose, S.*, **128**(5), 1942–1954
Roll, John B. — *see Brown, Warren R.*, **127**(3), 1555–1566
Romaniello, Martino — *see Carraro, Giovanni*, **128**(4), 1676–1683
Roman-Lopes, A. — The Stellar Population Associated with the *IRAS* Source 16132−5039 — A. Roman-Lopes and Z. Abraham; **127**(5), 2817–2825
— A Rich Star-forming Region in the Direction of RCW 95 — A. Roman-Lopes and Z. Abraham; **128**(5), 2364–2373
Rosado, M. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Rosas, A. M. — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Rosati, P. — *Chandra* and *XMM-Newton* Observations of RDCS 1252.9−2927, a Massive Cluster at $z = 1.24$ — P. Rosati, P. Tozzi, S. Ettori, V. Mainieri, R. Demarco, S. A. Stanford, C. Lidman, M. Nonino, S. Borgani, R. Della Ceca, P. Eisenhardt, B. P. Holden, and C. Norman; **127**(1), 230–238
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Rosati, Piero — *see Huo, Zhi-Ying*, **127**(3), 1263–1273
Rose, James A. — *see Schiavon, Ricardo P.*, **127**(3), 1513–1530
Rosenzweig, P. — *see Vivas, A. K.*, **127**(2), 1158–1175
Rossa, Jörn — A *Hubble Space Telescope* WFPC2 Investigation of the Disk-Halo Interface in NGC 891 — Jörn Rossa, Ralf-Jürgen Dettmar, René A. M. Walterbos, and Colin A. Norman; **128**(2), 674–686
Roth, Kathy — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Roth, M. — *see Persson, S. E.*, **128**(5), 2239–2264
Roth, Miguel — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Bohigas, Joaquín*, **127**(5), 2826–2837
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Rothberg, B. — A Deep *K*-Band Photometric Survey of Merger Remnants — B. Rothberg and R. D. Joseph; **128**(5), 2098–2143
Rowan-Robinson, M. — *see La Franca, F.*, **127**(6), 3075–3088
Rowe, J. F. — *see Alcock, C.*, **127**(1), 334–354
Rowe, Jason F. — *see Ferdman, Robert D.*, **127**(1), 380–393
Rubenstein, Eric P. — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Rucinski, Slavek M. — *see Pych, Wojtek*, **127**(3), 1712–1719
Rudkin, M. — *see Sing, D. K.*, **127**(5), 2936–2947
Rudy, Richard J. — *see Lynch, David K.*, **127**(2), 1089–1097
— *see Venturini, Catherine C.*, **128**(1), 405–410
— *see Lynch, David K.*, **128**(6), 2962–2964
Ruiz, M. — *see Scarlata, C.*, **128**(3), 1124–1137
Ruiz, María Teresa — *see Bohigas, Joaquín*, **127**(5), 2826–2837
Ruiz-Lapuente, P. — *see Garavini, G.*, **128**(1), 387–404
Rupen, Michael P. — *see Chu, You-Hua*, **127**(5), 2850–2855
Ryan-Weber, E. V. — Intergalactic H II Regions Discovered in SINGG — E. V. Ryan-Weber, G. R. Meurer, K. C. Freeman, M. E. Putman, R. L. Webster, M. J. Drinkwater, H. C. Ferguson, D. Hanish, T. M. Heckman, R. C. Kennicutt, Jr., V. A. Kilborn, P. M. Knezek, B. S. Koribalski, M. J. Meyer, M. S. Oey, R. C. Smith, L. Staveley-Smith, and M. A. Zwaan; **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Ryder, S. D. — *see Koribalski, B. S.*, **128**(1), 16–46
Rykoff, E. S. — *see Woźniak, P. R.*, **127**(4), 2436–2449

S

Saar, Steven H. — *see Paulson, Diane B.*, **127**(3), 1644–1652
— *see O'Neal, Douglas*, **128**(4), 1802–1811
Sabby, Jeffrey A. — *see Lacy, Claud H. Sandberg*, **128**(3), 1324–1330
— *see Lacy, Claud H. Sandberg*, **128**(3), 1340–1347
— *see Lacy, Claud H. Sandberg*, **128**(4), 1840–1846
— *see Lacy, Claud H. Sandberg*, **128**(6), 3005–3011
Sackett, Penny D. — *see Weldrake, David T. F.*, **128**(2), 736–760
Sadler, E. M. — *see Koribalski, B. S.*, **128**(1), 16–46
Saha, A. — *see Dolphin, Andrew E.*, **127**(2), 875–896
— *see Thim, F.*, **127**(4), 2322–2343
Saha, Prasenjit — A Portable Modeler of Lensed Quasars — Prasenjit Saha and Liliya L. R. Williams; **127**(5), 2604–2616
— *see Williams, Liliya L. R.*, **128**(6), 2631–2641
Saint-Jacques, D. — *see Tokunaga, A. T.*, **127**(1), 444–448
Sainton, G. — *see Garavini, G.*, **128**(1), 387–404
Sakamoto, Seiichi — *see Seta, Masumichi*, **127**(2), 1098–1116
Sako, S. — *see Girart, J. M.*, **127**(5), 2969–2977
Salas, Luis — *see Hiriart, David*, **128**(6), 2917–2931
Salinas, A. — An Observation of the Intermediate Polar XY Arietis with *Chandra* — A. Salinas and E. M. Schlegel; **128**(3), 1331–1339
Salo, H. — *see Buta, R.*, **127**(1), 279–294
Salpeter, E. E. — *see Hoffman, G. Lyle*, **128**(6), 2932–2941
Salzer, John J. — *see Melbourne, Jason*, **127**(2), 686–703
— *see Gronwall, Caryl*, **127**(4), 1943–1958
— *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
— *see Gronwall, Caryl*, **128**(2), 644–661
Samec, Ronald G. — The Physical Nature and Orbital Behavior of V523 Cassiopeiae — Ronald G. Samec, Danny R. Faulkner, and David B. Williams; **128**(6), 2997–3004
Samolyk, Gerard — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Sánchez, Ge. — *see Vivas, A. K.*, **127**(2), 1158–1175
Sánchez, Gu. — *see Vivas, A. K.*, **127**(2), 1158–1175
Sandage, Allan — The Metallicity Dependence of the Fourier Components of RR Lyrae Light Curves Is the Oosterhoff-Arp-Preston Period Ratio Effect in Disguise — Allan Sandage; **128**(2), 858–868
Sandberg Lacy, Claud H. — *see Lacy, Claud H. Sandberg*
Sanders, D. B. — *see Surace, Jason A.*, **127**(6), 3235–3272
Sanders, David B. — *see Sato, Yasunori*, **127**(3), 1285–1304
Sanders, W. T. — *see Doane, N. E.*, **128**(6), 2712–2723
Sandquist, Eric L. — *see Clark, L. Lee*, **128**(6), 3019–3033
Sanghi, Neeru — *see Belle, Kunegunda E.*, **128**(1), 448–462
Sankrit, Ravi — *FUSE* Spectroscopy of the Large Magellanic Cloud Supernova Remnant N49 — Ravi Sankrit, William P. Blair, and John C. Raymond; **128**(4), 1615–1622
Sarajedini, Ata — WIYN Open Cluster Study. XIX. Main-Sequence–Fitting Distances to Open Clusters Using $V-K$ Color-Magnitude Diagrams — Ata Sarajedini, Ken Brandt, Aaron J. Grocholski, and Glenn P. Tiede; **127**(2), 991–999
— *see Tiede, Glenn P.*, **128**(1), 224–236
— The 2MASS Color-Magnitude Diagram of the Globular Cluster Lynga 7 — Ata Sarajedini; **128**(3), 1228–1232
Sarajedini, Vicki — *see Miyaji, Takamitsu*, **127**(6), 3180–3191
Sarajedini, Vicki L. — *see Melbourne, Jason*, **127**(2), 686–703
— *see Gronwall, Caryl*, **127**(4), 1943–1958
Sari, Re'em — *see Pan, Margaret*, **128**(3), 1418–1429
Sarzi, Marc — *see Böker, Torsten*, **127**(1), 105–118
Sasaki, M. — *see Hattori, T.*, **127**(2), 736–757
Sasaki, Shunji S. — *see Nagao, Tohru*, **128**(1), 109–114
— *see Nagao, Tohru*, **128**(5), 2066–2072
Sasaki, Toshiyuki — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Sasselov, D. D. — *see Bonanos, A. Z.*, **127**(2), 861–867
— *see Mochejska, B. J.*, **128**(1), 312–322
Sato, Yasunori — Faint 6.7 Micron Galaxies and Their Contributions to the Stellar Mass Density in the Universe — Yasunori Sato, Lennox L. Cowie, Kimiaki Kawara, Hideo Matsuhara, Haruyuki Okuda, David B. Sanders, Yoshiaki Sofue, Yoshiaki Taniguchi, and Ken-ichi Wakamatsu; **127**(3), 1285–1304
Saucedo, José Luis — *see Calvet, Nuria*, **128**(3), 1294–1318
Savage, Blair D. — *see Thompson, Thomas W. J.*, **128**(2), 662–673
Savaglio, Sandra — *see Abraham, Roberto G.*, **127**(5), 2455–2483
Saviane, Ivo — The Stellar Content of the Southern Tail of NGC 4038/4039 and a Revised Distance — Ivo Saviane, J. E. Hibbard, and R. Michael Rich; **127**(2), 660–678
Sawada, Tsuyoshi — *see Seta, Masumichi*, **127**(2), 1098–1116
Sawicki, Marcin — *see Kiuchi, Gaku*, **128**(6), 2743–2748
Scarlata, C. — Nuclear Properties of a Sample of Nearby Spiral Galaxies from *Hubble Space Telescope* STIS Imaging — C. Scarlata, M. Stiavelli, M. A. Hughes, D. Axon, A. Alonso-Herrero, J. Atkinson, D. Batcheldor, J. Binney, A. Capetti, C. M. Carollo, L. Dressel, J. Gerssen, D. Macchetto, W. Maciejewski, A. Marconi, M. Merrifield, M. Ruiz, W. Sparks, Z. Tsvetanov, and R. P. van der Marel; **128**(3), 1124–1137
Schade, David — *see Smith, Russell J.*, **128**(4), 1558–1569
Schaefer, B. — *see Vivas, A. K.*, **127**(2), 1158–1175
Schaefer, B. E. — *see Garavini, G.*, **128**(1), 387–404
Schahmaneche, K. — *see Garavini, G.*, **128**(1), 387–404
Schechter, Paul L. — *see Morgan, Nicholas D.*, **127**(5), 2617–2630
Schenner, H. — *see Vivas, A. K.*, **127**(2), 1158–1175
Schiavon, Ricardo P. — The Integrated Spectrum of M67 and the Spectroscopic Age of M32 — Ricardo P. Schiavon, Nelson Caldwell, and James A. Rose; **127**(3), 1513–1530
Schild, Rudolph E. — *see Stocke, John T.*, **127**(3), 1336–1343
Schinnerer, E. — The VLA-COSMOS Survey. I. Radio Identifications from the Pilot Project — E. Schinnerer, C. L. Carilli, N. Z. Scoville, M. Bondi, P. Ciliegi, P. Vettolani, O. Le Fèvre, A. M. Koekemoer, F. Bertoldi, and C. D. Impey; **128**(5), 1974–1989
Schlegel, D. J. — *see Knapp, G. R.*, **127**(6), 3553–3578
Schlegel, David — *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
Schlegel, David J. — *see Bolton, Adam S.*, **127**(4), 1860–1882
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Schlegel, E. M. — *see Rana, V. R.*, **127**(1), 489–500
— *see Salinas, A.*, **128**(3), 1331–1339
Schmidt, B. P. — *see Bloom, J. S.*, **127**(1), 252–263
Schmidt, Brian P. — *see Harris, Gretchen L. H.*, **128**(2), 712–722
Schmidt, Edward G. — Photometry of Type II Cepheids. I. The Long-Period Stars — Edward G. Schmidt, Dale Johnston, Shawn Langan, and Kevin M. Lee; **128**(4), 1748–1760
— The Spectra of Type II Cepheids. III. The Hα Line and Helium Emission in Long-Period Stars — Edward G. Schmidt, Dale Johnston, Kevin M. Lee, Shawn Langan, Peter R. Newman, and Stephanie A. Snedden; **128**(6), 2988–2996
Schmidt, Gary — *see Szkody, Paula*, **128**(4), 1882–1893
Schmidt, Gary D. — *see Hoard, D. W.*, **128**(4), 1894–1898
— *see Szkody, Paula*, **128**(5), 2443–2447
Schmidtke, P. C. — A Revised Ephemeris and *FUSE* Observations of the Supersoft X-Ray Source CAL 83 — P. C. Schmidtke, A. P. Cowley, J. B. Hutchings, K. Winter, and D. Crampton; **127**(1), 469–476
— Multiperiodic Variability in Magellanic Cloud Be/X-Ray Binaries — P. C. Schmidtke, A. P. Cowley, Lance Levenson, and Katie Sweet; **127**(6), 3388–3393
— *see Cowley, A. P.*, **128**(2), 709–711
Schneider, D. P. — *see Vrba, F. J.*, **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Bassett, L. C.*, **128**(2), 523–533
— *see Bauer, F. E.*, **128**(5), 2048–2065
— *see Yip, C.-W.*, **128**(6), 2603–2630
Schneider, Donald P. — *see Zheng, Wei*, **127**(2), 656–659
— *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
— *see Richards, Gordon T.*, **127**(3), 1305–1312
— *see Pindor, Bart*, **127**(3), 1318–1324
— *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Nakamura, Osamu*, **127**(5), 2511–2521
— *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Munn, Jeffrey A.*, **127**(5), 3034–3042
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Fukugita, Masataka*, **127**(6), 3155–3160
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Hall, Patrick B.*, **128**(2), 534–543
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Szkody, Paula*, **128**(4), 1882–1893
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Schombert, James — *see Rakos, Karl*, **127**(3), 1502–1512
Schommer, Robert A. — *see Olsen, Knut A. G.*, **127**(5), 2674–2693
Schröder, A. — *see Koribalski, B. S.*, **128**(1), 16–46
Schroeder, Josh — *see Downes, Ronald A.*, **127**(5), 2838–2849
Schroeder, Joshua — *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Schuler, Simon C. — *see King, Jeremy R.*, **128**(6), 2898–2916

Schurch, Matthew — *see Miyaji, Takamitsu,* **127**(6), 3180–3191
Schweizer, François — Keck Spectroscopy of Two Young Globular Clusters in the Merger Remnant NGC 3921 — François Schweizer, Patrick Seitzer, and Jean P. Brodie; **128**(1), 202–210
Scoville, N. Z. — *see Frayer, D. T.,* **127**(2), 728–735
— *see Schinnerer, E.,* **128**(5), 1974–1989
Scranton, Ryan — *see Pindor, Bart,* **127**(3), 1318–1324
— *see Lee, Brian C.,* **127**(4), 1811–1859
— *see Sheldon, Erin S.,* **127**(5), 2544–2564
— *see Abazajian, Kevork,* **128**(1), 502–512
Secosan, Florin — *see Lacy, Claud H. Sandberg,* **128**(6), 3005–3011
Seidelmann, P. Kenneth — *see Pascu, Dan,* **127**(5), 2988–2996
Seitzer, Patrick — *see Schweizer, François,* **128**(1), 202–210
Sekiguchi, Maki — *see Yoshida, Michitoshi,* **127**(1), 90–104
— *see Pindor, Bart,* **127**(3), 1318–1324
— *see Yoshida, Michitoshi,* **127**(6), 3653
— *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Seljak, Uroš — *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Sellwood, J. A. — *see Barnes, Eric I.,* **128**(6), 2724–2742
Sergey, Gary — *see Abazajian, Kevork,* **128**(1), 502–512
Serjeant, S. — *see La Franca, F.,* **127**(6), 3075–3088
Sesar, Branimir — *see Abazajian, Kevork,* **128**(1), 502–512
Seta, Masumichi — Detection of Shocked Molecular Gas by Full-Extent Mapping of the Supernova Remnant W44 — Masumichi Seta, Tetsuo Hasegawa, Seiichi Sakamoto, Tomoharu Oka, Tsuyoshi Sawada, Shu-ichiro Inutsuka, Hiroshi Koyama, and Masahiko Hayashi; **127**(2), 1098–1116
Seth, Anil — Star Clusters in Virgo and Fornax Dwarf Irregular Galaxies — Anil Seth, Knut Olsen, Bryan Miller, Jennifer Lotz, and Rosie Telford; **127**(2), 798–815
Shah, S. — *see Clark, B. E.,* **128**(6), 3070–3081
Shara, M. — *see Richer, H. B.,* **127**(5), 2771–2792
— *see Richer, H. B.,* **127**(5), 2904–2908
Shara, M. M. — *see Moffat, A. F. J.,* **128**(6), 2854–2861
Shara, Michael M. — *see Ferdman, Robert D.,* **127**(1), 380–393
— *see Neill, James D.,* **127**(2), 816–831
— The Luminous Erupting Dwarf Nova CV 1 in the Dense Globular Cluster M15 — Michael M. Shara, Sasha Hinkley, David R. Zurek, Christian Knigge, and Howard E. Bond; **128**(6), 2847–2853
Sharpee, Brian — *see LaCluyzé, Aaron,* **127**(3), 1653–1663
Sheldon, Erin — *see Abazajian, Kevork,* **128**(1), 502–512
Sheldon, Erin S. — The Galaxy-Mass Correlation Function Measured from Weak Lensing in the Sloan Digital Sky Survey — Erin S. Sheldon, David E. Johnston, Joshua A. Frieman, Ryan Scranton, Timothy A. McKay, A. J. Connolly, Tamás Budavári, Idit Zehavi, Neta A. Bahcall, J. Brinkmann, and Masataka Fukugita; **127**(5), 2544–2564
Shepard, M. K. — *see Clark, B. E.,* **128**(6), 3070–3081
Sheppard, Scott — *see Jewitt, David,* **127**(3), 1784–1790
Sheppard, Scott S. — Extreme Kuiper Belt Object 2001 QG_{298} and the Fraction of Contact Binaries — Scott S. Sheppard and David Jewitt; **127**(5), 3023–3033
— A Survey for Outer Satellites of Mars: Limits to Completeness — Scott S. Sheppard, David Jewitt, and Jan Kleyna; **128**(5), 2542–2546
Sherry, W. H. — Photometric Identification of the Low-Mass Population of Orion OB1b. I. The σ Orionis Cluster — W. H. Sherry, F. M. Walter, and S. J. Wolk; **128**(5), 2316–2330
Sherry, William H. — *see Walter, Frederick M.,* **128**(4), 1872–1879
Shetrone, Matthew D. — *see Venn, Kim A.,* **128**(3), 1177–1195
Shi, Jian-Rong — *see Du, Cui-Hua,* **128**(5), 2265–2273
Shields, Joseph C. — *see Böker, Torsten,* **127**(1), 105–118
Shimasaku, Kazu — *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Shimasaku, Kazuhiro — *see Yoshida, Michitoshi,* **127**(1), 90–104
— *see Yoshida, Michitoshi,* **127**(6), 3653
— *see Matsuda, Yuichi,* **128**(2), 569–584
— *see Hayashino, Tomoki,* **128**(5), 2073–2079
— *see Tanaka, Masayuki,* **128**(6), 2677–2695
Shioya, Yasuhiro — *see Matsuda, Yuichi,* **128**(2), 569–584
— *see Nagao, Tohru,* **128**(5), 2066–2072
— *see Hayashino, Tomoki,* **128**(5), 2073–2079
— *see Ohyama, Youichi,* **128**(6), 2704–2711
Shu, C.-G. — *see Chen, W.-P.,* **128**(5), 2306–2315
Shuping, R. Y. — A New Mid-Infrared Map of the BN/KL Region Using the Keck Telescope — R. Y. Shuping, Mark Morris, and John Bally; **128**(1), 363–374
Sicilia-Aguilar, Aurora — Low-Mass Stars and Accretion at the Ages of Planet Formation in the Cepheus OB2 Region — Aurora Sicilia-Aguilar, Lee W. Hartmann, César Briceño, James Muzerolle, and Nuria Calvet; **128**(2), 805–821
Siegmund, Walter A. — *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Sil'chenko, O. K. — Inner Polar Rings in Regular Lenticular Galaxies — O. K. Sil'chenko and V. L. Afanasiev; **127**(5), 2641–2658
Silvestri, Nicole — *see Szkody, Paula,* **128**(4), 1882–1893
Silvestri, Nicole M. — *see West, Andrew A.,* **128**(1), 426–436
— *see Abazajian, Kevork,* **128**(1), 502–512
Simpson, Caroline E. — *see Iyer, Mansie G.,* **128**(3), 985–996
Sing, D. K. — Spectroscopic and Photometric Analysis of HS 1136+6646: A Hot Young DAO + K7 V Post–Common-Envelope, Pre–Cataclysmic Variable Binary — D. K. Sing, J. B. Holberg, M. R. Burleigh, S. A. Good, M. A. Barstow, T. D. Oswalt, S. B. Howell, C. S. Brinkworth, M. Rudkin, K. Johnston, and S. Rafferty; **127**(5), 2936–2947
Singh, K. P. — *see Rana, V. R.,* **127**(1), 489–500
Sion, Edward M. — *see Kolb, Kelly,* **128**(4), 1790–1794
— Composite Accretion Disk and White Dwarf Photosphere Analyses of the *FUSE* and *Hubble Space Telescope* Observations of EY Cygni — Edward M. Sion, Lisa Winter, Joel A. Urban, Gaghik H. Tovmassian, Sergei Zharikov, Boris T. Gänsicke, and M. Orio; **128**(4), 1795–1801
— Far-Ultraviolet *FUSE* Observations of the Dwarf Novae SS Aurigae and RU Pegasi in Quiescence — Edward M. Sion, Fuhua Cheng, Patrick Godon, Joel A. Urban, and Paula Szkody; **128**(4), 1834–1839
Sirianni, M. — *see Mieske, S.,* **128**(4), 1529–1540
— *see Cross, N. J. G.,* **128**(5), 1990–2012
Sirko, Edwin — Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. I. Sample Selection and Structure in the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 899–913
— Blue Horizontal-Branch Stars in the Sloan Digital Sky Survey. II. Kinematics of the Galactic Halo — Edwin Sirko, Jeremy Goodman, Gillian R. Knapp, Jon Brinkmann, Željko Ivezić, Edwin J. Knerr, David Schlegel, Donald P. Schneider, and Donald G. York; **127**(2), 914–924
Sjouwerman, Loránt O. — *see Kong, Albert K. H.,* **128**(6), 2783–2788
Skillman, Evan D. — *see Dolphin, Andrew E.,* **127**(2), 875–896
— *see van Zee, Liese,* **128**(1), 121–136
— *see Jackson, Dale C.,* **128**(3), 1219–1227
— *see Garnett, Donald R.,* **128**(6), 2772–2782
— *see van Zee, Liese,* **128**(6), 2797–2814
Skrutskie, Michael F. — *see Majewski, Steven R.,* **128**(1), 245–259
Smail, I. — *see Klose, S.,* **128**(5), 1942–1954
Smail, Ian — *see Frayer, D. T.,* **127**(2), 728–735
Smith, D. A. — *see Woźniak, P. R.,* **127**(4), 2436–2449
Smith, Denise A. — *see Calzetti, Daniela,* **127**(3), 1405–1430
Smith, E. — *see Garavini, G.,* **128**(1), 387–404
Smith, Ed — *see Brown, Thomas M.,* **127**(5), 2738–2752
Smith, Graeme H. — *see Briley, Michael M.,* **127**(3), 1588–1593
Smith, Horace A. — *see LaCluyzé, Aaron,* **127**(3), 1653–1663
Smith, J. Allyn — *see Allam, Sahar S.,* **127**(4), 1883–1899
— *see Rider, Cristin J.,* **127**(4), 2210–2227
— *see Abazajian, Kevork,* **128**(1), 502–512
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
Smith, Nathan — HH 666: The Axis of Evil in the Carina Nebula — Nathan Smith, John Bally, and Kate J. Brooks; **127**(5), 2793–2808
Smith, Paul S. — *see Clayton, Geoffrey C.,* **127**(6), 3382–3387
Smith, R. C. — *see Ryan-Weber, E. V.,* **127**(3), 1431–1440
Smith, R. Chris — *see Lowry, Justin D.,* **127**(1), 125–130
Smith, Russell J. — NOAO Fundamental Plane Survey. I. Survey Design, Redshifts, and Velocity Dispersion Data — Russell J. Smith, Michael J. Hudson, Jenica E. Nelan, Stephen A. W. Moore, Stephen J. Quinney, Gary A. Wegner, John R. Lucey, Roger L. Davies, Justin J. Malecki, David Schade, and Nicholas B. Suntzeff; **128**(4), 1558–1569
Smith, Tracy L. — Does the 3.3 Micron Polycyclic Aromatic Hydrocarbon Emission Feature Require Ultraviolet Excitation? — Tracy L. Smith, Geoffrey C. Clayton, and Lynne Valencic; **128**(1), 357–362
Smolčić, Vernesa — *see Abazajian, Kevork,* **128**(1), 502–512
Snedden, S. — *see Hall, Patrick B.,* **127**(6), 3146–3154
Snedden, Stephanie A. — *see Raymond, Sean N.,* **127**(5), 2978–2987
— *see Abazajian, Kevork,* **128**(1), 502–512
— *see Hall, Patrick B.,* **128**(2), 534–543
— *see Finkbeiner, Douglas P.,* **128**(5), 2577–2592
— *see Schmidt, Edward G.,* **128**(6), 2988–2996

Sneden, Christopher — The Chemical Composition Contrast between M3 and M13 Revisited: New Abundances for 28 Giant Stars in M3 — Christopher Sneden, Robert P. Kraft, Puragra Guhathakurta, Ruth C. Peterson, and Jon P. Fulbright; **127**(4), 2162–2184
Snowden, Steven L. — *see Lowry, Justin D.*, **127**(1), 125–130
Snyder, J. A. — *see Vivas, A. K.*, **127**(2), 1158–1175
Snyder, L. E. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Sofia, S. — *see Vivas, A. K.*, **127**(2), 1158–1175
Sofue, Yoshiaki — *see Sato, Yasunori*, **127**(3), 1285–1304
Sohn, Young-Jong — *see Rey, Soo-Chang*, **127**(2), 958–979
Soifer, B. T. — *see Yan, Lin*, **127**(3), 1274–1284
Sollins, P. K. — A Near-Infrared/Millimeter-Wave Study of Six Fourth-Quadrant High-Mass Star Formation Regions — P. K. Sollins and S. T. Megeath; **128**(5), 2374–2387
Somerville, Rachel — *see Stanford, S. A.*, **127**(1), 131–155
Song, I. — *see Weinberger, A. J.*, **127**(4), 2246–2251
Songaila, A. — *see Cowie, L. L.*, **127**(6), 3137–3145
Songaila, Antoinette — The Evolution of the Intergalactic Medium Transmission to Redshift 6 — Antoinette Songaila; **127**(5), 2598–2603
— *see Wirth, Gregory D.*, **127**(6), 3121–3136
Soper, Paul R. — *see Franklin, Fred A.*, **128**(3), 1391–1406
Soszyński, Igor — *see Gieren, Wolfgang*, **128**(3), 1167–1176
— *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825
Sowell, James R. — *see Williamon, Richard M.*, **128**(3), 1319–1323
Spadafora, A. L. — *see Garavini, G.*, **128**(1), 387–404
Sparke, L. S. — *see Cox, A. L.*, **128**(5), 2013–2021
Sparks, W. — *see Scarlata, C.*, **128**(3), 1124–1137
Sparks, W. B. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Spinoglio, L. — *see La Franca, F.*, **127**(6), 3075–3088
Squires, Gordon — *see Huo, Zhi-Ying*, **127**(3), 1263–1273
Stachowski, Greg — *see Pych, Wojtek*, **127**(3), 1712–1719
Stahler, Steven W. — *see Haisch, Karl E., Jr.*, **127**(3), 1747–1754
Stalder, B. — *see Odewahn, S. C.*, **128**(6), 3092–3107
Stanek, K. Z. — *see Bonanos, A. Z.*, **127**(2), 861–867
— *see Mochejska, B. J.*, **128**(1), 312–322
— *see Hartman, J. D.*, **128**(4), 1761–1783
— *see Holland, Stephen T.*, **128**(5), 1955–1964
Stanford, S. A. — The Evolution of Early-Type Field Galaxies Selected from a NICMOS Map of the Hubble Deep Field North — S. A. Stanford, Mark Dickinson, Marc Postman, Henry C. Ferguson, Ray A. Lucas, Christopher J. Conselice, Tamás Budavári, and Rachel Somerville; **127**(1), 131–155
— *see Rosati, P.*, **127**(1), 230–238
— *see Holden, B. P.*, **127**(5), 2484–2510
Stanford, S. Adam — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Stanishev, V. — *see Garavini, G.*, **128**(1), 387–404
Stassun, Keivan G. — X-Ray Properties of Pre–Main-Sequence Stars in the Orion Nebula Cluster with Known Rotation Periods — Keivan G. Stassun, David R. Ardila, Mary Barsony, Gibor Basri, and Robert D. Mathieu; **127**(6), 3537–3552
Stauffer, John — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Staveley-Smith, L. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Stebbins, Albert — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Stecklum, B. — *see Klose, S.*, **128**(5), 1942–1954
Steffen, A. T. — An Optical Catalog of the *Chandra* Large Area Synoptic X-Ray Survey Sources — A. T. Steffen, A. J. Barger, P. Capak, L. L. Cowie, R. F. Mushotzky, and Y. Yang; **128**(4), 1483–1500
— *see Yang, Y.*, **128**(4), 1501–1523
Stencel, Robert E. — *see Howard, Emily S.*, **127**(1), 17–23
Stephens, Andrew W. — An Infrared Spectroscopic Study of Eight Galactic Globular Clusters — Andrew W. Stephens and Jay A. Frogel; **127**(2), 925–937
Stephens, Denise C. — *see Noll, Keith S.*, **128**(5), 2547–2552
Stern, D. — *see Capak, P.*, **127**(1), 180–198
Stetson, P. B. — *see Gallart, C.*, **127**(3), 1486–1501
— *see Richer, H. B.*, **127**(5), 2771–2792
— *see Richer, H. B.*, **127**(5), 2904–2908
Stetson, Peter B. — *see Ferdman, Robert D.*, **127**(1), 380–393
— *see Briley, Michael M.*, **127**(3), 1579–1587
Stewart, I. M. — *see Koribalski, B. S.*, **128**(1), 16–46
Stiavelli, M. — *see Scarlata, C.*, **128**(3), 1124–1137
Stirling, Alastair M. — *see Jorstad, Svetlana G.*, **127**(6), 3115–3120
Stock, J. — *see Vivas, A. K.*, **127**(2), 1158–1175
Stockdale, Christopher J. — *see Chu, You-Hua*, **127**(5), 2850–2855
Stocke, John T. — Very Isolated Early-Type Galaxies — John T. Stocke, Brian A. Keeney, Aaron D. Lewis, Harland W. Epps, and Rudolph E. Schild; **127**(3), 1336–1343
Stolte, Andrea — The Secrets of the Nearest Starburst Cluster. I. Very Large Telescope/ISAAC Photometry of NGC 3603 — Andrea Stolte, Wolfgang Brandner, Bernhard Brandl, Hans Zinnecker, and Eva K. Grebel; **128**(2), 765–786
Stootman, F. — *see Koribalski, B. S.*, **128**(1), 16–46
Storm, Jesper — *see Gieren, Wolfgang*, **128**(3), 1167–1176
Storrie-Lombardi, Lisa J. — *see Fadda, Dario*, **128**(1), 1–15
Storrs, Alex D. — *see Pascu, Dan*, **127**(5), 2988–2996
Stoughton, Chris — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Rider, Cristin J.*, **127**(4), 2210–2227
— *see Abazajian, Kevork*, **128**(1), 502–512
Strader, Jay — Revisiting the Globular Cluster System of the Merger Remnant Elliptical Galaxy NGC 3610 — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(1), 295–301
— *see Forbes, Duncan A.*, **127**(6), 3394–3398
— Metal-poor Globular Clusters and Galaxy Formation — Jay Strader, Jean P. Brodie, and Duncan A. Forbes; **127**(6), 3431–3436
— *see Beasley, Michael A.*, **128**(4), 1623–1645
— A Principal Components Analysis of the Lick Indices of Galactic Globular Clusters — Jay Strader and Jean P. Brodie; **128**(4), 1671–1675
— *see Howell, Justin H.*, **128**(6), 2749–2757
Strauss, M. A. — *see Knapp, G. R.*, **127**(6), 3553–3578
Strauss, Michael A. — *see Richards, Gordon T.*, **127**(3), 1305–1312
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Hall, Patrick B.*, **128**(2), 534–543
— *see Carilli, C. L.*, **128**(3), 997–1001
— *see Zakamska, Nadia L.*, **128**(3), 1002–1016
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Stringfellow, Guy S. — *see Walter, Frederick M.*, **128**(4), 1872–1879
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Stritzinger, Maximilian — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Strolger, L.-G. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Strom, S. E. — *see Rebull, L. M.*, **127**(2), 1029–1051
Strom, Stephen — *see Ramírez, Solange V.*, **127**(5), 2659–2673
— *see Ramírez, Solange V.*, **128**(2), 787–804
Strom, Stephen E. — *see Makidon, Russell B.*, **127**(4), 2228–2245
Stubbs, Christopher W. — *see Raymond, Sean N.*, **127**(5), 2978–2987
Subasavage, John P. — *see Hambly, Nigel C.*, **128**(1), 437–447
— *see Henry, Todd J.*, **128**(5), 2460–2473
SubbaRao, M. — *see Yip, C.-W.*, **128**(2), 585–609
— *see Yip, C.-W.*, **128**(6), 2603–2630
SubbaRao, Mark — *see Abazajian, Kevork*, **128**(1), 502–512
Sugai, H. — *see Hattori, T.*, **127**(2), 736–757
Sumerel, Andrew N. — *see Clementini, Gisella*, **127**(2), 938–957
Sumiya, Ryoko — *see Nagao, Tohru*, **128**(1), 109–114
— *see Nagao, Tohru*, **128**(5), 2066–2072
Sun, Wei-Hsin — *see Zhou, Xu*, **127**(6), 3642–3652
Sunada, Kazuyoshi — *see Ao, Yiping*, **128**(4), 1716–1732
Sung, E.-C. — *see Kyeong, J.-M.*, **128**(5), 2331–2338
Sung, Hwankyung — The Initial Mass Function and Stellar Content of NGC 3603 — Hwankyung Sung and Michael S. Bessell; **127**(2), 1014–1028
— The Initial Mass Function and Young Brown Dwarf Candidates in NGC 2264. I. The Initial Mass Function around S Monocerotis — Hwankyung Sung, Michael S. Bessell, and Moo-Young Chun; **128**(4), 1684–1693
— *see Lee, Kang Hwan*, **128**(6), 2838–2846
Suntzeff, Nicholas B. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Olsen, Knut A. G.*, **127**(5), 2674–2693
— *see Cavallo, Robert M.*, **127**(6), 3411–3421
— *see Smith, Russell J.*, **128**(4), 1558–1569
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Surace, Jason A. — An *IRAS* High Resolution Image Restoration (HIRES) Atlas of All Interacting Galaxies in the *IRAS* Revised Bright Galaxy Sample — Jason A. Surace, D. B. Sanders, and Joseph M. Mazzarella; **127**(6), 3235–3272
Sutherland, W. — *see Alcock, C.*, **127**(1), 334–354
Suzuki, Nao — *see Tytler, David*, **128**(3), 1058–1077
— *see Misawa, Toru*, **128**(6), 2954–2961
Sweet, Katie — *see Schmidtke, P. C.*, **127**(6), 3388–3393
Sweigart, Allen V. — *see Brown, Thomas M.*, **127**(5), 2738–2752

Szalay, A. S. — *see Yip, C.-W.*, **128**(2), 585–609
— *see Yip, C.-W.*, **128**(6), 2603–2630
Szalay, Alexander S. — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Szapudi, István — *see Abazajian, Kevork*, **128**(1), 502–512
Szentgyorgyi, A. H. — *see Bonanos, A. Z.*, **127**(2), 861–867
— *see Mochejska, B. J.*, **128**(1), 312–322
Szkody, Paula — *see Harrison, Thomas E.*, **127**(1), 460–468
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Sion, Edward M.*, **128**(4), 1834–1839
— Cataclysmic Variables from the Sloan Digital Sky Survey. III. The Third Year — Paula Szkody, Arne Henden, Oliver Fraser, Nicole Silvestri, John Bochanski, Michael A. Wolfe, Marcel Agüeros, Brian Warner, Patrick Woudt, Jonica Tramposch, Lee Homer, Gary Schmidt, Gillian R. Knapp, Scott F. Anderson, Kevin Covey, Hugh Harris, Suzanne Hawley, Donald P. Schneider, Wolfgang Voges, and J. Brinkmann; **128**(4), 1882–1893
— *see Hoard, D. W.*, **128**(4), 1894–1898
— *XMM-Newton* Observations of the Extremely Low Accretion Rate Polars SDSS J155331.12+551614.5 and SDSS J132411.57+032050.5 — Paula Szkody, Lee Homer, Bing Chen, Arne Henden, Gary D. Schmidt, Scott F. Anderson, D. W. Hoard, Wolfgang Voges, and J. Brinkmann; **128**(5), 2443–2447
Szokoly, Gyula P. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Szymanski, J. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Szymański, Michał — *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825

T

Takami, Hideki — *see Tokunaga, A. T.*, **127**(1), 444–448
Takato, Naruhisa — *see Tokunaga, A. T.*, **127**(1), 444–448
Tam, C. R. — *see Brogan, C. L.*, **127**(1), 355–367
Tamazian, V. S. — *see Docobo, J. A.*, **127**(2), 1181–1186
Tamazian, Vakhtang S. — Orbit of T Tau Ba-Bb and Mass Estimate for Its Infrared Companion — Vakhtang S. Tamazian; **127**(4), 2378–2381
Tammann, G. A. — *see Thim, F.*, **127**(4), 2322–2343
Tamura, Hajime — *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Tanaka, Masayuki — The Environmental Dependence of Galaxy Properties in the Local Universe: Dependences on Luminosity, Local Density, and System Richness — Masayuki Tanaka, Tomotsugu Goto, Sadanori Okamura, Kazuhiro Shimasaku, and Jon Brinkmann; **128**(6), 2677–2695
Tang, Z.-H. — *see Yu, Y.*, **128**(2), 911–919
Taniguchi, Yoshiaki — *see Sato, Yasunori*, **127**(3), 1285–1304
— *see Ohyama, Youichi*, **127**(3), 1313–1317
— *see Nagao, Tohru*, **128**(1), 109–114
— *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Nagao, Tohru*, **128**(5), 2066–2072
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
— *see Ohyama, Youichi*, **128**(6), 2704–2711
Tanvir, N. R. — *see Klose, S.*, **128**(5), 1942–1954
Tanvir, Nial — *see Gregg, Michael D.*, **127**(3), 1441–1459
Tapia, Mauricio — *see Bohigas, Joaquín*, **127**(5), 2826–2837
Tautvaišienė, Gražina — Elemental Abundances of Three Red Giants in Terzan 7, a Globular Cluster Associated with the Sagittarius Galaxy — Gražina Tautvaišienė, George Wallerstein, Doug Geisler, Guillermo Gonzalez, and Corinne Charbonnel; **127**(1), 373–379
Taylor, Andy — *see Massey, Richard*, **127**(6), 3089–3101
Taylor, G. B. — *see Lane, W. M.*, **127**(1), 48–52
Teare, Scott W. — *see Chu, You-Hua*, **127**(5), 2850–2855
Tegmark, Max — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Teixeira, R. — *see Dominici, T. P.*, **128**(1), 47–55
Telford, Rosie — *see Seth, Anil*, **127**(2), 798–815
Telles, Eduardo — *see Kehrig, Carolina*, **128**(3), 1141–1151
Teodoro, Luís — *see Abazajian, Kevork*, **128**(1), 502–512
Terada, Hiroshi — *see Tokunaga, A. T.*, **127**(1), 444–448
Terashima, Yuichi — *see Imanishi, Masatoshi*, **127**(2), 758–764
Terzian, Y. — *see Lewis, B. M.*, **127**(1), 501–512
Thakar, A. R. — *see Yip, C.-W.*, **128**(2), 585–609
Thakar, Aniruddha R. — *see Abazajian, Kevork*, **128**(1), 502–512
Thim, F. — Cepheids and Long-Period Variables in NGC 4395 — F. Thim, J. G. Hoessel, A. Saha, J. Claver, A. Dolphin, and G. A. Tammann; **127**(4), 2322–2343
Thim, Frank — *see Dolphin, Andrew E.*, **127**(2), 875–896
Thompson, David — *see Yan, Lin*, **127**(3), 1274–1284
Thompson, Ian — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Thompson, Ian B. — *see Zaritsky, Dennis*, **128**(4), 1606–1614
Thompson, Thomas W. J. — *Hubble Space Telescope* Imaging of Extraplanar Dust Structures in the Edge-on Spiral NGC 4217 — Thomas W. J. Thompson, J. Christopher Howk, and Blair D. Savage; **128**(2), 662–673
Thomson, J. R. — *see Pych, Wojtek*, **127**(3), 1712–1719
Thomson, Scott — *see Glazebrook, Karl*, **128**(6), 2652–2659
Thorstensen, John R. — *see Kawka, Adela*, **127**(3), 1702–1711
Thuan, Trinh X. — *see Van Duyne, Jeffrey*, **127**(4), 1959–1976
— The H I Kinematics and Distribution of Four Blue Compact Dwarf Galaxies — Trinh X. Thuan, J. E. Hibbard, and François Lévrier; **128**(2), 617–643
Tiede, G. P. — *see Wang, J.-X.*, **127**(1), 213–229
Tiede, Glenn P. — *see Sarajedini, Ata*, **127**(2), 991–999
— The Stellar Populations in the Outer Regions of M33. I. Metallicity Distribution Function — Glenn P. Tiede, Ata Sarajedini, and Michael K. Barker; **128**(1), 224–236
Tikhonov, N. A. — *see Karataeva, G. M.*, **127**(2), 789–797
Tingay, S. J. — A VLBI Study of Free-Free Absorbed Compact Radio Sources in the NGC 253 Starburst — S. J. Tingay; **127**(1), 10–16
Tingay, Steven J. — *see Winn, Joshua N.*, **128**(6), 2696–2703
Tinney, Chris G. — *see Burgasser, Adam J.*, **127**(5), 2856–2870
Tinney, Christopher G. — *see Piatek, Slawomir*, **128**(2), 951
Tober, Jeffrey — *see Glazebrook, Karl*, **128**(6), 2652–2659
Tokunaga, A. T. — A Subarcsecond Companion to the T Tauri Star AS 353B — A. T. Tokunaga, Bo Reipurth, W. Gässler, Yutaka Hayano, Masahiko Hayashi, Masanori Iye, Tomio Kanzawa, Naoto Kobayashi, Yukiko Kamata, Yosuke Minowa, Ko Nedachi, Shin Oya, Tae-soo Pyo, D. Saint-Jacques, Hiroshi Terada, Hideki Takami, and Naruhisa Takato; **127**(1), 444–448
— *see Knacke, Roger*, **128**(6), 2977–2980
Tolstoy, Eline — *see Kaufer, Andreas*, **127**(5), 2723–2737
— *see Venn, Kim A.*, **128**(3), 1177–1195
Tornikoski, M. — *see Bloom, S. D.*, **128**(1), 56–61
Torres, Guillermo — A Double-lined Spectroscopic Orbit for the Young Star HD 34700 — Guillermo Torres; **127**(2), 1187–1193
Tout, Christopher A. — *see Venn, Kim A.*, **128**(3), 1177–1195
Tovmassian, Gaghik H. — *see Sion, Edward M.*, **128**(4), 1795–1801
Tozzi, P. — *see Wang, J.-X.*, **127**(1), 213–229
— *see Rosati, P.*, **127**(1), 230–238
Tramposch, Jonica — *see Szkody, Paula*, **128**(4), 1882–1893
Tran, H. D. — *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Tran, Hien D. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
Treister, E. — *see Bauer, F. E.*, **128**(5), 2048–2065
Tremaine, Scott — *see Zakamska, Nadia L.*, **128**(2), 869–877
Tremonti, Christy — *see Abazajian, Kevork*, **128**(1), 502–512
Tremonti, Christy A. — *see Hall, Patrick B.*, **127**(6), 3146–3154
Treuthardt, Patrick M. — *see Keel, William C.*, **128**(1), 211–223
Trilling, D. E. — *see Bernstein, G. M.*, **128**(3), 1364–1390
Trujillo, Chadwick A. — *see Brown, Michael E.*, **127**(4), 2413–2417
Trujillo, I. — Evidence for a New Elliptical-Galaxy Paradigm: Sérsic and Core Galaxies — I. Trujillo, Peter Erwin, A. Asensio Ramos, and Alister W. Graham; **127**(4), 1917–1942
Trump, J. — *see Yip, C.-W.*, **128**(6), 2603–2630
Tsiganis, K. — *see Carruba, V.*, **128**(4), 1899–1915
Tsvetanov, Z. — *see Scarlata, C.*, **128**(3), 1124–1137
Tsvetanov, Z. I. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
— *see Martel, A. R.*, **128**(6), 2758–2771
Tucker, Douglas L. — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Allam, Sahar S.*, **127**(4), 1883–1899
— *see Rider, Cristin J.*, **127**(4), 2210–2227
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Turner, Edwin L. — *see Pindor, Bart*, **127**(3), 1318–1324

Turner, Jean L. — *see Meier, David S.*, **127**(4), 2069–2084
— *see Beck, Sara C.*, **128**(4), 1552–1557
Twarog, Bruce A. — *see Anthony-Twarog, Barbara J.*, **127**(2), 1000–1013
Tycner, Christopher — The Circumstellar Envelope of ζ Tauri through Optical Interferometry — Christopher Tycner, Arsen R. Hajian, J. T. Armstrong, J. A. Benson, G. C. Gilbreath, D. J. Hutter, John B. Lester, D. Mozurkewich, and T. A. Pauls; **127**(2), 1194–1203
Tytler, David — The Kast Ground-based Ultraviolet Spectral Survey of 79 Quasi-stellar Objects at Redshift 2 for Lyα Forest and Metal Absorption — David Tytler, John M. O'Meara, Nao Suzuki, David Kirkman, Dan Lubin, and Adam Orin; **128**(3), 1058–1077
— *see Misawa, Toru*, **128**(6), 2954–2961
Tzioumis, Anastasios K. — *see Fey, Alan L.*, **127**(3), 1791–1795
— *see Ojha, Roopesh*, **127**(4), 1977–1981
— *see Ojha, Roopesh*, **127**(6), 3609–3621
Tzioumis, Tasso — *see Winn, Joshua N.*, **128**(6), 2696–2703

U

Udalski, Andrzej — *see Gieren, Wolfgang*, **128**(3), 1167–1176
— *see Pietrzyński, Grzegorz*, **128**(6), 2815–2825
Uomoto, A. — *see Knapp, G. R.*, **127**(6), 3553–3578
Uomoto, Alan — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Urban, Joel A. — *see Sion, Edward M.*, **128**(4), 1795–1801
— *see Sion, Edward M.*, **128**(4), 1834–1839
Urban, S. E. — *see Zacharias, N.*, **127**(5), 3043–3059
Urban, Sean E. — *see Mason, Brian D.*, **127**(1), 539–548
— *see Mason, Brian D.*, **128**(6), 3012–3018

V

Valencic, Lynne — *see Smith, Tracy L.*, **128**(1), 357–362
Valotto, Carlos — Extinction Effects in Spiral Galaxy Rotation Curves — Carlos Valotto and Riccardo Giovanelli; **128**(1), 115–120
Valtonen, Mauri J. — *see Laine, Seppo*, **127**(2), 765–770
van Altena, W. — *see Vivas, A. K.*, **127**(2), 1158–1175
van Altena, William F. — *see Horch, Elliott P.*, **127**(3), 1727–1735
— *see Girard, Terrence M.*, **127**(5), 3060–3071
van Breugel, Wil — *see Bornancini, Carlos G.*, **127**(2), 679–685
VanDalfsen, Marcel L. — A Two-Phase Chemical Enrichment Model for the Milky Way Globular Cluster System — Marcel L. VanDalfsen and William E. Harris; **127**(1), 368–372
Vandehei, T. — *see Alcock, C.*, **127**(1), 334–354
VandenBerg, Don A. — *see Clem, James L.*, **127**(2), 1227–1256
Vandenberg, Jan — *see Abazajian, Kevork*, **128**(1), 502–512
van den Bergh, Sidney — Were the Large Magellanic Cloud Globular Clusters Formed in a Disk? — Sidney van den Bergh; **127**(2), 897–898
— Shapley-Ames Galaxies in the Blue and Infrared — Sidney van den Bergh; **128**(3), 1138–1140
— Spectral Types of Field and Cluster O-Type Stars — Sidney van den Bergh; **128**(4), 1880–1881
Vanden Berk, D. E. — *see Yip, C.-W.*, **128**(6), 2603–2630
Vanden Berk, Daniel E. — *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Hopkins, Philip F.*, **128**(3), 1112–1123
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
van den Heuvel, E. P. J. — *see Klose, S.*, **128**(5), 1942–1954
van der Hucht, K. A. — *see Cappa, C.*, **127**(5), 2885–2897
van der Marel, R. P. — *see Scarlata, C.*, **128**(3), 1124–1137
van der Marel, Roeland P. — *see Gerssen, Joris*, **127**(1), 75–89
— *see Böker, Torsten*, **127**(1), 105–118
van Dokkum, P. G. — *see Bloom, J. S.*, **127**(1), 252–263
Van Duyne, Jeffrey — Radio Continuum Emission at 1.4 GHz from KISS Emission-Line Galaxies — Jeffrey Van Duyne, Eli Beckerman, John J. Salzer, Caryl Gronwall, Trinh X. Thuan, J. J. Condon, and Lisa M. Frattare; **127**(4), 1959–1976
Van Dyk, Schuyler D. — *see Beck, Sara C.*, **128**(4), 1552–1557
van Gorkom, J. H. — *see Kenney, Jeffrey D. P.*, **127**(6), 3361–3374
— *see Vollmer, B.*, **127**(6), 3375–3381
Van Hamme, Walter — *see Williamon, Richard M.*, **128**(3), 1319–1323
van Leeuwen, Floor — *see Hughes, Joanne*, **127**(2), 980–990
Van Winckel, Hans — *see Cohen, Martin*, **127**(4), 2362–2377
van Zee, Liese — Rotationally Supported Virgo Cluster Dwarf Elliptical Galaxies: Stripped Dwarf Irregular Galaxies? — Liese van Zee, Evan D. Skillman, and Martha P. Haynes; **128**(1), 121–136
— Stellar Populations of Dwarf Elliptical Galaxies: *UBVRI* Photometry of Dwarf Elliptical Galaxies in the Virgo Cluster — Liese van Zee, Elizabeth J. Barton, and Evan D. Skillman; **128**(6), 2797–2814
Vanzella, Eros — *see Grazian, Andrea*, **127**(2), 592–605
Vaz, Luiz Paulo R. — *see Reipurth, Bo*, **127**(2), 1117–1130
Vaz, Luiz Paulo Ribeiro — *see Lacy, Claud H. Sandberg*, **128**(3), 1324–1330
Venn, Kim A. — *see Kaufer, Andreas*, **127**(5), 2723–2737
— Stellar Chemical Signatures and Hierarchical Galaxy Formation — Kim A. Venn, Mike Irwin, Matthew D. Shetrone, Christopher A. Tout, Vanessa Hill, and Eline Tolstoy; **128**(3), 1177–1195
Vennes, Stéphane — *see Kawka, Adela*, **127**(3), 1702–1711
Venturini, Catherine — *see Lynch, David K.*, **127**(2), 1089–1097
Venturini, Catherine C. — Near-Infrared Spectroscopy of V1493 Aquilae and V4642 Sagittarii: Two Novae with Unusual Spectral Features — Catherine C. Venturini, Richard J. Rudy, David K. Lynch, S. Mazuk, and R. C. Puetter; **128**(1), 405–410
— *see Lynch, David K.*, **128**(6), 2962–2964
Verma, A. — *see La Franca, F.*, **127**(6), 3075–3088
Verschuur, Gerrit L. — Interstellar Neutral Hydrogen Emission Profile Structure — Gerrit L. Verschuur; **127**(1), 394–407
Vestrand, W. T. — *see Woźniak, P. R.*, **127**(4), 2436–2449
— *see Woźniak, P. R.*, **128**(6), 2965–2976
Vettolani, P. — *see Schinnerer, E.*, **128**(5), 1974–1989
Viale, A. — *see Ambrocio-Cruz, P.*, **127**(4), 2145–2153
Vicente, B. — *see Vivas, A. K.*, **127**(2), 1158–1175
Vieira, K. — *see Vivas, A. K.*, **127**(2), 1158–1175
Vignali, C. — *see Bassett, L. C.*, **128**(2), 523–533
Vílchez, J. M. — *see Aguerri, J. A. L.*, **127**(3), 1344–1359
Villanova, Sandro — *see Carraro, Giovanni*, **128**(4), 1676–1683
Vinkó, J. — *see Balog, Z.*, **128**(6), 2942–2953
Vivas, A. K. — The QUEST RR Lyrae Survey. I. The First Catalog — A. K. Vivas, R. Zinn, C. Abad, P. Andrews, C. Bailyn, C. Baltay, A. Bongiovanni, C. Briceño, G. Bruzual, P. Coppi, F. Della Prugna, N. Ellman, I. Ferrín, M. Gebhard, T. Girard, J. Hernández, D. Herrera, R. Honeycutt, G. Magris, S. Mufson, J. Musser, O. Naranjo, D. Rabinowitz, A. Rengstorf, P. Rosenzweig, Ge. Sánchez, Gu. Sánchez, B. Schaefer, H. Schenner, J. A. Snyder, S. Sofia, J. Stock, W. van Altena, B. Vicente, and K. Vieira; **127**(2), 1158–1175
Vogeley, Michael S. — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Abazajian, Kevork*, **128**(1), 502–512
Voges, Wolfgang — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Szkody, Paula*, **128**(4), 1882–1893
— *see Szkody, Paula*, **128**(5), 2443–2447
Vogt, Nicole P. — *M/L*, Hα Rotation Curves, and H I Measurements for 329 Nearby Cluster and Field Spirals. I. Data — Nicole P. Vogt, Martha P. Haynes, Terry Herter, and Riccardo Giovanelli; **127**(6), 3273–3299
— *M/L*, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. II. Evidence for Galaxy Infall — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3300–3324
— *M/L*, Hα Rotation Curves, and H I Gas Measurements for 329 Nearby Cluster and Field Spirals. III. Evolution in Fundamental Galaxy Parameters — Nicole P. Vogt, Martha P. Haynes, Riccardo Giovanelli, and Terry Herter; **127**(6), 3325–3337
— *see Abazajian, Kevork*, **128**(1), 502–512
Vollmer, B. — *see Kenney, Jeffrey D. P.*, **127**(6), 3361–3374
— Radio Continuum Observations of the Virgo Cluster Spiral NGC 4522: The Signature of Ram Pressure — B. Vollmer, R. Beck, Jeffrey D. P. Kenney, and J. H. van Gorkom; **127**(6), 3375–3381
von Hippel, Ted — *see Kılıç, M.*, **128**(4), 1825–1833
Vrba, F. J. — Preliminary Parallaxes of 40 L and T Dwarfs from the US Naval Observatory Infrared Astrometry Program — F. J. Vrba, A. A. Henden, C. B. Luginbuhl, H. H. Guetter, J. A. Munn, B. Canzian, A. J. Burgasser, J. Davy Kirkpatrick, X. Fan, T. R. Geballe, D. A. Golimowski, G. R. Knapp, S. K. Leggett, D. P. Schneider, and J. Brinkmann; **127**(5), 2948–2968
— *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
Vreeswijk, P. M. — *see Klose, S.*, **128**(5), 1942–1954

W

Wakamatsu, Ken-ichi — *see Sato, Yasunori*, **127**(3), 1285–1304
Wakker, Bart P. — *see Pisano, D. J.*, **127**(1), 199–212
Walawender, Josh — Deep Imaging Surveys of Star-Forming Clouds. II. A New Giant Herbig-Haro Flow in L1451 — Josh Walawender, John Bally, Bo Reipurth, and Colin Aspin; **127**(5), 2809–2816
Walborn, Nolan R. — *see Nelan, Edmund P.*, **128**(1), 323–329
Walker, Alistair — *see Gieren, Wolfgang*, **128**(3), 1167–1176
Walker, Alistair R. — *see Rey, Soo-Chang*, **127**(2), 958–979
Walker, R. C. — *see Ly, C.*, **127**(1), 119–124
Walkowicz, Lucianne M. — *see West, Andrew A.*, **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
Wallace, Debra J. — *see Nelan, Edmund P.*, **128**(1), 323–329
Wallace, P. — *see Bloom, S. D.*, **128**(1), 56–61
Wallerstein, George — *see Tautvaišienė, Gražina*, **127**(1), 373–379
— *see Hughes, Joanne*, **127**(2), 980–990
Walter, F. — *see Bravo-Alfaro, H.*, **127**(1), 264–278
— *see Carilli, C. L.*, **128**(3), 997–1001
Walter, F. M. — *see Sherry, W. H.*, **128**(5), 2316–2330
Walter, Frederick M. — V1647 Orionis (IRAS 05436−0007) in Outburst: The First Three Months — Frederick M. Walter, Guy S. Stringfellow, William H. Sherry, and Angeliki Field-Pollatou; **128**(4), 1872–1879
Walterbos, René A. M. — *see Rossa, Jörn*, **128**(2), 674–686
Walton, N. A. — *see Garavini, G.*, **128**(1), 387–404
Wang, G.-L. — *see Yu, Y.*, **128**(2), 911–919
Wang, J.-X. — The 172 ks *Chandra* Exposure of the LALA Bootes Field: X-Ray Source Catalog — J.-X. Wang, S. Malhotra, J. E. Rhoads, M. J. I. Brown, A. Dey, T. M. Heckman, B. T. Jannuzi, C. A. Norman, G. P. Tiede, and P. Tozzi; **127**(1), 213–229
Wang, L. — *see Garavini, G.*, **128**(1), 387–404
Wang, Shu-i — *see Abazajian, Kevork*, **128**(1), 502–512
Wang, Xiaofeng — *see Zhang, Tianmeng*, **128**(4), 1857–1867
Ward, William R. — Tilting Saturn. I. Analytic Model — William R. Ward and Douglas P. Hamilton; **128**(5), 2501–2509
— *see Hamilton, Douglas P.*, **128**(5), 2510–2517
Warner, Brian — *see Szkody, Paula*, **128**(4), 1882–1893
Warren, B. E. — *see Koribalski, B. S.*, **128**(1), 16–46
Warren, Bradley E. — ESO 215-G?009: An Extreme H I–rich Dwarf Irregular Galaxy — Bradley E. Warren, Helmut Jerjen, and Bärbel S. Koribalski; **128**(3), 1152–1166
Wasserman, Lawrence H. — *see Golimowski, David A.*, **128**(4), 1733–1747
Watson, Christer — *see Johnson, Kelsey E.*, **128**(2), 610–616
Waugh, M. — *see Koribalski, B. S.*, **128**(1), 16–46
Webb, James R. — *see Howard, Emily S.*, **127**(1), 17–23
Webbink, Ronald F. — *see Chu, You-Hua*, **127**(1), 477–480
Webster, R. L. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Wegner, Gary A. — *see Smith, Russell J.*, **128**(4), 1558–1569
Weinberg, David H. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Weinberg, Martin — *see Majewski, Steven R.*, **128**(1), 245–259
Weinberger, A. J. — A Search for Warm Circumstellar Disks in the TW Hydrae Association — A. J. Weinberger, E. E. Becklin, B. Zuckerman, and I. Song; **127**(4), 2246–2251
Weistrop, D. — Looking Closely at Medusa: Star-forming Knots at the Center of NGC 4194 — D. Weistrop, D. Eggers, M. Hancock, C. H. Nelson, R. Bachilla, and M. E. Kaiser; **127**(3), 1360–1370
Welch, D. L. — *see Alcock, C.*, **127**(1), 334–354
Weldrake, David T. F. — A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae — David T. F. Weldrake, Penny D. Sackett, Terry J. Bridges, and Kenneth C. Freeman; **128**(2), 736–760
Wells, Eddie N. — *see Pascu, Dan*, **127**(5), 2988–2996
Welsh, W. F. — *see Ioannou, Z.*, **127**(1), 481–488
Werk, Jessica K. — *see Gronwall, Caryl*, **128**(2), 644–661
Werner, Klaus — *see Chu, You-Hua*, **128**(5), 2357–2363
Werner, Michael — *see Ramírez, Solange V.*, **127**(5), 2659–2673
West, Andrew A. — *see Raymond, Sean N.*, **127**(5), 2978–2987
— Spectroscopic Properties of Cool Stars in the Sloan Digital Sky Survey: An Analysis of Magnetic Activity and a Search for Subdwarfs — Andrew A. West, Suzanne L. Hawley, Lucianne M. Walkowicz, Kevin R. Covey, Nicole M. Silvestri, Sean N. Raymond, Hugh C. Harris, Jeffrey A. Munn, Peregrine M. McGehee, Željko Ivezić, and J. Brinkmann; **128**(1), 426–436
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
West, Michael J. — *see Jordán, Andrés*, **127**(1), 24–47
Westover, M. — *see Mochejska, B. J.*, **128**(1), 312–322
White, R. L. — *see de Vries, W. H.*, **127**(5), 2565–2578
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
White, Simon D. M. — *see Abazajian, Kevork*, **128**(1), 502–512
Whittle, Mark — Jet-Gas Interactions in Markarian 78. I. Morphology and Kinematics — Mark Whittle and Andrew S. Wilson; **127**(2), 606–624
Wiegert, Paul — Fast Force Algorithms and Solar System Integrations — Paul Wiegert, Douglas McNeil, Martin Duncan, and Hal Levison; **127**(2), 1218–1226
Wieringa, Mark — *see Winn, Joshua N.*, **128**(6), 2696–2703
Wijers, R. A. M. J. — *see Klose, S.*, **128**(5), 1942–1954
Wilcots, E. M. — *see Doane, N. E.*, **128**(6), 2712–2723
Wilcots, Eric M. — *see Pisano, D. J.*, **127**(1), 199–212
— H I Observations of Barred Magellanic Spirals. II. The Frequency and Impact of Companions — Eric M. Wilcots and Moire K. M. Prescott; **127**(4), 1900–1916
— *see Bush, Stephanie J.*, **128**(6), 2789–2796
Wilhite, Brian C. — *see Abazajian, Kevork*, **128**(1), 502–512
Wilkes, B. — *see Grupe, D.*, **127**(1), 1–9
Wilking, Bruce A. — Low-Mass Stars and Substellar Objects in the NGC 1333 Molecular Cloud — Bruce A. Wilking, Michael R. Meyer, Thomas P. Greene, Ayman Mikhail, and Glenn Carlson; **127**(2), 1131–1146
Wilkinson, Christopher — *see LaCluyzé, Aaron*, **127**(3), 1653–1663
Williamon, Richard M. — Orbital Solutions and Absolute Elements of the Eclipsing Binary AY Camelopardalis — Richard M. Williamon, James R. Sowell, and Walter Van Hamme; **128**(3), 1319–1323
Williams, Benjamin F. — Why Are X-Ray Sources in the M31 Bulge So Close to Planetary Nebulae? — Benjamin F. Williams, Michael R. Garcia, Jeffrey E. McClintock, and Albert K. H. Kong; **128**(4), 1588–1596
— *see Kong, Albert K. H.*, **128**(6), 2783–2788
Williams, C. C. — *see Knapp, G. R.*, **127**(6), 3553–3578
Williams, David B. — *see Samec, Ronald G.*, **128**(6), 2997–3004
Williams, Eric C. — *see Herbst, William*, **127**(3), 1594–1601
— *see Cohen, Roger E.*, **127**(3), 1602–1621
Williams, Kurtis A. — Spectroscopic Identification of Faint White Dwarf Candidates in the Praesepe Open Star Cluster — Kurtis A. Williams, Michael Bolte, and James W. Liebert; **128**(4), 1784–1789
Williams, Liliya L. R. — *see Saha, Prasenjit*, **127**(5), 2604–2616
— Models of the Giant Quadruple Quasar SDSS J1004+4112 — Liliya L. R. Williams and Prasenjit Saha; **128**(6), 2631–2641
Williams, Peter T. — *see Belle, Kunegunda E.*, **128**(1), 448–462
Williams, Rosa M. — *see Chu, You-Hua*, **128**(5), 2357–2363
Williams, T. B. — *see Krisciunas, Kevin*, **127**(3), 1664–1681
Willmer, Christopher N. A. — *see Wirth, Gregory D.*, **127**(6), 3121–3136
— *see Caretta, César A.*, **128**(6), 2642–2651
Wills, Beverley J. — *see Grupe, Dirk*, **127**(1), 156–179
Wilson, Andrew S. — *see Whittle, Mark*, **127**(2), 606–624
Wilson, Christine D. — *see Brooks, R. Scott*, **128**(1), 237–244
Wilson, J. C. — *see Lynch, David K.*, **127**(2), 1089–1097
Windhorst, Rogier A. — *see Zhou, Xu*, **127**(6), 3642–3652
Winget, D. E. — *see Kılıç, M.*, **128**(4), 1825–1833
Winn, J. N. — *see Mochejska, B. J.*, **128**(1), 312–322
Winn, Joshua N. — *see Johnson, John Asher*, **127**(4), 2344–2351
— The Radio Variability of the Gravitational Lens PMN J1838−3427 — Joshua N. Winn, James E. J. Lovell, Hayley Bignall, Bryan M. Gaensler, Tracy J. Getts, Lucyna Kedziora-Chudczer, Roopesh Ojha, John E. Reynolds, Steven J. Tingay, Tasso Tzioumis, and Mark Wieringa; **128**(6), 2696–2703
Winnick, Rebeccah — *see Pont, Frédéric*, **127**(2), 840–860
Winter, K. — *see Schmidtke, P. C.*, **127**(1), 469–476
Winter, Lisa — *see Sion, Edward M.*, **128**(4), 1795–1801
Wirth, Gregory D. — The Team Keck Treasury Redshift Survey of the GOODS-North Field — Gregory D. Wirth, Christopher N. A. Willmer, Paola Amico, Frederic H. Chaffee, Robert W. Goodrich, Shui Kwok, James E. Lyke, Jeff A. Mader, Hien D. Tran, Amy J. Barger, Lennox L. Cowie, Peter Capak, Alison L. Coil, Michael C. Cooper, Al Conrad, Marc Davis, S. M. Faber, Esther M. Hu, David C. Koo, David Le Mignant, Jeffrey A. Newman, and Antoinette Songaila; **127**(6), 3121–3136
Wischnjewsky, Marina — *see Krisciunas, Kevin*, **127**(3), 1664–1681
— *see Krisciunas, Kevin*, **128**(6), 3034–3052
Wisdom, J. — Spin-Orbit Secondary Resonance Dynamics of Enceladus — J. Wisdom; **128**(1), 484–491
Wolfe, Michael A. — *see Szkody, Paula*, **128**(4), 1882–1893
— *see Hoard, D. W.*, **128**(4), 1894–1898

Wolff, Michael J. — *see Clayton, Geoffrey C.*, **127**(6), 3382–3387
Wolff, S. C. — *see Rebull, L. M.*, **127**(2), 1029–1051
Wolk, S. J. — *see Sherry, W. H.*, **128**(5), 2316–2330
Woodney, L. M. — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Wood-Vasey, W. M. — *see Garavini, G.*, **128**(1), 387–404
Woodward, Charles E. — *see Kelley, Michael S.*, **127**(4), 2398–2405
— *see Jones, Terry J.*, **128**(5), 2448–2459
Worthey, Guy — *see Alonso-García, Javier*, **127**(2), 868–874
— Balmer and Metal Absorption Feature Gradients in M32 — Guy Worthey; **128**(6), 2826–2837
Woudt, Patrick — *see Szkody, Paula*, **128**(4), 1882–1893
Woźniak, P. R. — Northern Sky Variability Survey: Public Data Release — P. R. Woźniak, W. T. Vestrand, C. W. Akerlof, R. Balsano, J. Bloch, D. Casperson, S. Fletcher, G. Gisler, R. Kehoe, K. Kinemuchi, B. C. Lee, S. Marshall, K. E. McGowan, T. A. McKay, E. S. Rykoff, D. A. Smith, J. Szymanski, and J. Wren; **127**(4), 2436–2449
— Identifying Red Variables in the Northern Sky Variability Survey — P. R. Woźniak, S. J. Williams, W. T. Vestrand, and V. Gupta; **128**(6), 2965–2976
Wren, J. — *see Woźniak, P. R.*, **127**(4), 2436–2449
Wright, A. E. — *see Koribalski, B. S.*, **128**(1), 16–46
Wright, J. T. — Do We Know of Any Maunder Minimum Stars? — J. T. Wright; **128**(3), 1273–1278
Wright, Melvyn — *see Hogerheijde, Michiel R.*, **127**(4), 2406–2412
Wrobel, J. M. — *see Ly, C.*, **127**(1), 119–124
— VLBA Astrometry of Compact Radio Sources in the *Spitzer* First-Look Survey — J. M. Wrobel, M. A. Garrett, J. J. Condon, and R. Morganti; **128**(1), 103–108
Wu, Hong — *see Zhang, Haotong*, **127**(5), 2579–2597
— *see Zhou, Xu*, **127**(6), 3642–3652
Wu, L. — *see Zhang, X.*, **128**(5), 1929–1941
Wycoff, G. L. — *see Zacharias, N.*, **127**(5), 3043–3059
Wycoff, Gary L. — *see Mason, Brian D.*, **127**(1), 539–548
— *see Mason, Brian D.*, **128**(6), 3012–3018
Wyse, Rosemary F. G. — *see Hebb, Leslie*, **128**(6), 2881–2897

X

Xie, G.-Z. — The Mass-Luminosity Relation, Accretion Rate–Luminosity Relation, and Evolutionary Sequence of Blazars — G.-Z. Xie, S.-B. Zhou, and E.-W. Liang; **127**(1), 53–57
Xie, Z.-H. — *see Zhang, X.*, **128**(5), 1929–1941
Xu, Haiguang — *see Huo, Zhi-Ying*, **127**(3), 1263–1273
Xu, Wen — *see Zhou, Xu*, **127**(6), 3642–3652
Xu, Yongzhong — *see Abazajian, Kevork*, **128**(1), 502–512
Xue, Sui-Jian — *see Huo, Zhi-Ying*, **127**(3), 1263–1273
— *see Zhang, Haotong*, **127**(5), 2579–2597

Y

Yagi, Masafumi — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Yoshida, Michitoshi*, **127**(6), 3653
Yakovleva, V. A. — *see Karataeva, G. M.*, **127**(2), 789–797
Yamada, Toru — *see Miyaji, Takamitsu*, **127**(6), 3180–3191
— *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Yamauchi, Ryosuke — *see Matsuda, Yuichi*, **128**(2), 569–584
— *see Hayashino, Tomoki*, **128**(5), 2073–2079
Yan, Lin — Optical Spectroscopy of *K*-selected Extremely Red Galaxies — Lin Yan, David Thompson, and B. T. Soifer; **127**(3), 1274–1284
Yang, Ji — *see Ao, Yiping*, **128**(4), 1716–1732
Yang, Y. — *see Steffen, A. T.*, **128**(4), 1483–1500
— The *Chandra* Large Area Synoptic X-Ray Survey (CLASXS) of the Lockman Hole Northwest: The X-Ray Catalog — Y. Yang, R. F. Mushotzky, A. T. Steffen, A. J. Barger, and L. L. Cowie; **128**(4), 1501–1523
Yang, Y.-G. — *see Qian, S.-B.*, **128**(5), 2430–2434
Yanny, Brian — *see Lee, Brian C.*, **127**(4), 1811–1859
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Yasuda, Naoki — *see Yoshida, Michitoshi*, **127**(1), 90–104
— *see Fukugita, Masataka*, **127**(6), 3155–3160
— *see Yoshida, Michitoshi*, **127**(6), 3653
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Ybarra, Jason E. — An [S II] Survey of the Rosette Molecular Cloud — Jason E. Ybarra and Randy L. Phelps; **127**(6), 3444–3455
Yeh, Li-Chin — *see Jiang, Ing-Guey*, **128**(2), 923–932
Yip, C.-W. — Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey — C.-W. Yip, A. J. Connolly, A. S. Szalay, T. Budavári, M. SubbaRao, J. A. Frieman, R. C. Nichol, A. M. Hopkins, D. G. York, S. Okamura, J. Brinkmann, I. Csabai, A. R. Thakar, M. Fukugita, and Ž. Ivezić; **128**(2), 585–609
— Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects — C.-W. Yip, A. J. Connolly, D. E. Vanden Berk, Z. Ma, J. A. Frieman, M. SubbaRao, A. S. Szalay, G. T. Richards, P. B. Hall, D. P. Schneider, A. M. Hopkins, J. Trump, and J. Brinkmann; **128**(6), 2603–2630
Yip, Ching-Wa — *see Abazajian, Kevork*, **128**(1), 502–512
Yocum, D. R. — *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
York, D. G. — *see Yip, C.-W.*, **128**(2), 585–609
York, Donald G. — *see Zheng, Wei*, **127**(2), 656–659
— *see Sirko, Edwin*, **127**(2), 899–913
— *see Sirko, Edwin*, **127**(2), 914–924
— *see Pindor, Bart*, **127**(3), 1318–1324
— *see Downes, Ronald A.*, **127**(5), 2838–2849
— *see Hall, Patrick B.*, **127**(6), 3146–3154
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Fan, Xiaohui*, **128**(2), 515–522
— *see Hall, Patrick B.*, **128**(2), 534–543
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Yoshida, M. — *see Hattori, T.*, **127**(2), 736–757
Yoshida, Michitoshi — Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(1), 90–104
— Erratum: "Subaru Deep Spectroscopy of the Very Extended Emission-Line Region of NGC 4388: Ram Pressure Stripped Gas Ionized by Nuclear Radiation" [Astron. J. **127**, 90 (2004)] — Michitoshi Yoshida, Youichi Ohyama, Masanori Iye, Kentaro Aoki, Nobunari Kashikawa, Toshiyuki Sasaki, Kazuhiro Shimasaku, Masafumi Yagi, Sadanori Okamura, Mamoru Doi, Hisanori Furusawa, Masaru Hamabe, Masahiko Kimura, Yutaka Komiyama, Masayuki Miyazaki, Satoshi Miyazaki, Fumiaki Nakata, Masami Ouchi, Maki Sekiguchi, and Naoki Yasuda; **127**(6), 3653
Yoss, K. M. — *see Hayes-Gehrke, M. N.*, **128**(6), 2862–2880
Young, Andrew T. — Sunset Science. IV. Low-Altitude Refraction — Andrew T. Young; **127**(6), 3622–3637
Young, Jason E. — *see Fan, Xiaohui*, **128**(2), 515–522
Yu, Ka Chun — *see Reipurth, Bo*, **127**(2), 1069–1080
Yu, Y. — Block Adjustment of a Group of Overlapping CCD Images — Y. Yu, Z.-H. Tang, J.-L. Li, G.-L. Wang, and M. Zhao; **128**(2), 911–919

Z

Zacharias, M. I. — *see Zacharias, N.*, **127**(5), 3043–3059
Zacharias, N. — The Second US Naval Observatory CCD Astrograph Catalog (UCAC2) — N. Zacharias, S. E. Urban, M. I. Zacharias, G. L. Wycoff, D. M. Hall, D. G. Monet, and T. J. Rafferty; **127**(5), 3043–3059
Zakamska, Nadia L. — Excitation and Propagation of Eccentricity Disturbances in Planetary Systems — Nadia L. Zakamska and Scott Tremaine; **128**(2), 869–877
— Candidate Type II Quasars from the Sloan Digital Sky Survey. II. From Radio to X-Rays — Nadia L. Zakamska, Michael A. Strauss, Timothy M. Heckman, Željko Ivezić, and Julian H. Krolik; **128**(3), 002–1016
Zamorani, G. — *see La Franca, F.*, **127**(6), 3075–3088
Zapata, Abner — *see Krisciunas, Kevin*, **128**(6), 3034–3052
Zapata, Luis A. — Compact Radio Sources in Orion: New Detections, Time Variability, and Objects in OMC-1S — Luis A. Zapata, Luis F. Rodríguez, Stanley E. Kurtz, and C. R. O'Dell; **127**(4), 2252–2261
Zaritsky, Dennis — *see Harris, Jason*, **127**(3), 1531–1544
— The Magellanic Clouds Photometric Survey: The Large Magellanic Cloud Stellar Catalog and Extinction Map — Dennis Zaritsky, Jason Harris, Ian B. Thompson, and Eva K. Grebel; **128**(4), 1606–1614
Zeh, A. — *see Klose, S.*, **128**(5), 1942–1954
Zehavi, Idit — *see Sheldon, Erin S.*, **127**(5), 2544–2564
— *see Abazajian, Kevork*, **128**(1), 502–512
— *see Finkbeiner, Douglas P.*, **128**(5), 2577–2592
Zekser, K. — *see Mieske, S.*, **128**(4), 1529–1540
Zellner, Ben H. — *see Pascu, Dan*, **127**(5), 2988–2996

Zepf, Stephen E. — *see Rhode, Katherine L.*, **127**(1), 302–317
Zhang, Haotong — Multicolor Photometric Observations of Candidate Optical Counterparts to *ROSAT* Faint X-Ray Sources in a 1 Square Degree Field of the BATC Survey — Haotong Zhang, Suijian Xue, David Burstein, Xu Zhou, Zhaoji Jiang, Hong Wu, Jun Ma, Jiansheng Chen, and Zhenlong Zou; **127**(5), 2579–2597
Zhang, L. — *see Zhang, X.*, **128**(5), 1929–1941
Zhang, Tianmeng — Optical Photometry of SN 1993J: 1995 to 2003 — Tianmeng Zhang, Xiaofeng Wang, Xu Zhou, Weidong Li, Jun Ma, Zhaoji Jiang, and Zongwei Li; **128**(4), 1857–1867
Zhang, X. — Optical Monitoring of Three Gamma-Ray–loud BL Lacertae Objects in 1999–2002 — X. Zhang, L. Zhang, G. Zhao, Z.-H. Xie, L. Wu, and Y.-G. Zheng; **128**(5), 1929–1941
Zhao, G. — *see Zhang, X.*, **128**(5), 1929–1941
Zhao, Jun-Hui — *see Herrnstein, Robeson M.*, **127**(6), 3399–3410
Zhao, M. — *see Yu, Y.*, **128**(2), 911–919
Zharikov, Sergei — *see Sion, Edward M.*, **128**(4), 1795–1801
Zheng, Jia-Qing — *see Laine, Seppo*, **127**(2), 765–770
Zheng, W. — *see Golimowski, D. A.*, **127**(6), 3516–3536
— *see Knapp, G. R.*, **127**(6), 3553–3578
— *see Mieske, S.*, **128**(4), 1529–1540
— *see Cross, N. J. G.*, **128**(5), 1990–2012
Zheng, Wei — Detection of Intergalactic He II Absorption at Redshift 3.5 — Wei Zheng, Kuenley Chiu, Scott F. Anderson, Donald P. Schneider, Craig J. Hogan, Donald G. York, Scott Burles, and Jonathan Brinkmann; **127**(2), 656–659
Zheng, Y.-G. — *see Zhang, X.*, **128**(5), 1929–1941
Zhou, S.-B. — *see Xie, G.-Z.*, **127**(1), 53–57
Zhou, Xu — *see Zhang, Haotong*, **127**(5), 2579–2597
— Dome-Diffuser Flat-fielding for Schmidt Telescopes — Xu Zhou, David Burstein, Yong-Ik Byun, Jian-Sheng Chen, Wen-Ping Chen, Zhao-Ji Jiang, Jun Ma, Wei-Hsin Sun, Rogier A. Windhorst, Hong Wu, Wen Xu, and Jin Zhu; **127**(6), 3642–3652
— *see Zhang, Tianmeng*, **128**(4), 1857–1867
— *see Du, Cui-Hua*, **128**(5), 2265–2273
Zhu, Jin — *see Zhou, Xu*, **127**(6), 3642–3652
Zibetti, Stefano — *see Abazajian, Kevork*, **128**(1), 502–512
Zinn, R. — *see Vivas, A. K.*, **127**(2), 1158–1175
Zinn, Robert — *see Pont, Frédéric*, **127**(2), 840–860
Zinnecker, Hans — *see Stolte, Andrea*, **128**(2), 765–786
Zirm, A. — *see Cross, N. J. G.*, **128**(5), 1990–2012
Zou, Zhenlong — *see Zhang, Haotong*, **127**(5), 2579–2597
Zucker, Daniel B. — *see Abazajian, Kevork*, **128**(1), 502–512
Zuckerman, B. — *see Weinberger, A. J.*, **127**(4), 2246–2251
— *see McCarthy, C.*, **127**(5), 2871–2884
Zurek, D. R. — *see Moffat, A. F. J.*, **128**(6), 2854–2861
Zurek, David R. — *see Shara, Michael M.*, **128**(6), 2847–2853
Zwaan, M. A. — *see Ryan-Weber, E. V.*, **127**(3), 1431–1440
— *see Koribalski, B. S.*, **128**(1), 16–46
Zwart, Simon Portegies — *see Portegies Zwart, Simon*